The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

MAY 1, 1948

PACKED PHARMACEUTICALS · HYPODERMIC TABLETS

An outstanding reputation

For 75 years a policy of supplying only the finest pharmaceutical preparations at reasonable prices has been consistently maintained.

WRIGHT, LAYMAN & UMNEY LTD.

SOUTHWARK · LONDON · S.E.1

HOP 4021 (10 lines)

BULK DRUGS · DISINFECTANTS · AMPOULES

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For your information

New Prices *for some* P., D. Products

P.A.T.A.

	Size	*Minimum Retail Price (including Purchase Tax where applicable)*
'Abidon' Capsules with Vitamin C	25's	* 4/9
" " " " "	100's	*16/6
'Benadryl' Capsules, 50 mgm. .	50's	* 7/6
" " 25 mgm. .	50's	* 4/6
" Elixir . . .	4-oz.	* 3/-
" " . . .	16-oz.	*10/-
Crysto-Vibex Solution (50 mgm. per c.c.)	5 c.c.	* 9/4
Dermalac	Large	4/2
Epanutin Capsules, 1½-grs. .	100's	* 7/-
Euthymol Tooth Paste . .	Tube	1/6½
'Lertigon'	5 c.c.	*14/6
'Orygene' (Effervescent Mouth Wash Tablets)	100's	3/1
Rutin Tablets, 50 mgm. (C.T. 824)	25's	* 9/-
Shaving Cream, Parke-Davis .	Tube	2/2½
Shaving Stick (Dermaseptic) .	Each	1/10
" " " .	Refill	1/6½
Synapoidin	10 c.c.	*42/-
Thrombin, Topical . . .	5 c.c.	*13/-

IMPORTANT

Under the Purchase Tax (No. 1) Order, 1948, which came into force on April 1st, several P., D. & Co. products were exempted from Purchase Tax. Full particulars will be supplied in due course.

* *Exempt from Purchase Tax*

Parke, Davis & Co., 50, Beak St., London, W.1.

Laboratories: Hounslow, Middlesex. *Inc. U.S.A., Liability, Ltd.*

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's line

PLEASE NOTE
22/- Pack
(one bottle free)
AGAIN AVAILABLE
see prices below

1/6D. PROFIT ON EVERY SALE!

'ELASTO' Advertising is Nation-wide and Consistent. An ever-increasing demand for this product is being created at your very door; a slight effort on your part will bring this new and profitable business to your counter. A showcard or a few 'Elasto' cartons displayed in your window will bring most gratifying results. You can recommend 'Elasto' with confidence for all circulatory disorders including Varicose Veins, Bad Leg, Skin Troubles, Rheumatism and poor General Health. A tablet Remedy, easy to handle and reliable.

Recommend 'Elasto'—and a satisfied customer will recommend You!

RETAIL (Including Tax)	P.A.T.A.	*WHOLESALE (Including Tax)*
5/6 per bottle (one month's supply)		48/- per dozen
22/- five bottles (Including one free)		192/- per dozen

The NEW ERA TREATMENT CO., LTD.
CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

BRITISH INDUSTRIES FAIR
MAY 3-14, 1948

To all visitors interested in

FINE PHARMACEUTICAL CHEMICALS

CARNEGIES

— of WELWYN GARDEN CITY

together with their only associated Company
CARNEGIE QUININE WORKS, LTD.

will extend a cordial welcome at their

STAND B. 44
at Olympia

Please note the only address of our Offices and Factory

CARNEGIE CHEMICALS (WELWYN) LTD.

Associated with CARNEGIE QUININE WORKS, LTD.

Manufacturers of Fine Chemicals

WELWYN GARDEN CITY, Hertfordshire

Telephone: Welwyn Garden 506 *Telegrams:* Carnechem, Welwyn Garden

The richest sources of vitamins A and D—the livers of fish — have always had the disadvantages of strong taste and difficulty of mixing with milk. Crookes have now developed their new Halibut Oil *Emulsion* for Infants to overcome these difficulties. This new Emulsion, which is basically the highly potent Crookes Halibut Oil, mixes immediately with milk and is agreeable to take. Three drops in the infant's feed, for only 4 of the daily feeds, provides 3000 I.U. of vitamin A and 800 I.U. of vitamin D.

ROOKES HALIBUT OIL **EMULSION** FOR INFANTS

Obtainable only from Chemists — 3/6d a bottle. *Literature available upon request.*

HE CROOKES LABORATORIES LIMITED, PARK ROYAL, LONDON N.W.10

put down PESTROY

Household insects thrive in warm weather, but Pestroy destroys them wherever it is sprinkled. Pestroy powder is deadly to ants, fleas, earwigs, cockroaches and all fellow-travellers of these pests. Lasting in its effects. Equally reliable for treating infested dogs, cats and birds. Remember, in summer especially, every householder is a likely purchaser of Pestroy. Stock up in readiness for the peak-sales season. In drums 9d, 2/- and 4/-. Made by Bob Martin Ltd., Southport, Lancs.

put down PESTS

PATA

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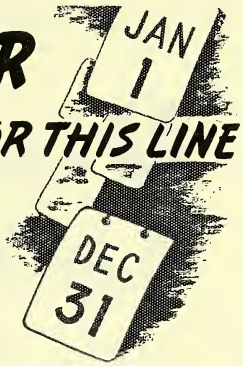
IS YOUR SELLING SEASON FOR THIS LINE



Sensible people can easily see the advantage of dealing with colds before they catch them! So turn the very effective cold immunising qualities of PILLODINES to your advantage—keep your PILLODINE counter-displays to the forefront. You will find that the PILLODINE 30-day cold immunising treatment will sell nearly as well during the long sunny days as it does during the short dull ones!

B.I.F
May 3—14
Visit us at
OLYMPIA
STAND B.11

Trade terms on request

Pillodines

WATFORD CHEMICAL CO. LTD

30 Baker Street, London, W.1 Tel: Welbeck 0264/8

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approved

Disinfectants

& Sheep Dips

1948
OLYMPIA & EARLS COURT
MAY 3-14
SEE OUR EXHIBIT

Order your season's supply now direct from the producers. Arrangements can be made with the Ministry of Agriculture & Fisheries to have your labels approved enabling you to sell under your own name and brand.

Write to-day for details to:

PRINCE REGENT TAR COMPANY LTD.

(Managers, BURT, BOULTON & HAYWOOD LTD.)

Brettenham House, Lancaster Place, London, W.C.2

Telephone: Temple Bar 5801 (8 lines) Telegrams: "Burboul, Rand, London"

Yet another 'Ucal' product now available in limited supplies.

Ucal

DOPO-PLUS
D.D.T.
KILLS FLIES, FLEAS, BUGS, ETC.

DIRECTIONS
To destroy quickly **Flies, Fleas, Bugs, Beetles, Moths, Cockroaches, Ants, Crickets, Wasps,** and similar Pests, simply sprinkle freely in the infected places.
Fleas and Mosquitos.
A little Powder sprinkled on the window sill or on the fire will keep these pests away.

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UNITED CHEMISTS ASSOCIATION LTD.
CHELTENHAM

SAMARITAN *Ointments*

are again freely available in a wide range of titles including Chilblain, Lanoline, Wintergreen, Zinc and other B.P. and B.P.C. formulæ. Several exclusive prescriptions are also included in the series.

Prices and Samples on application.

TR.132

THORNTON & ROSS LIMITED
Manufacturing Chemists
LINTHWAITE · HUDDERSFIELD

Selling the truth

THE Medical profession is giving yeast its true status as an essential source of Vitamin B and proteins—as a *food* and not a mere pick-me-up. Yestamin advertising helps to spread this truth and the nation-wide sales of Yestamin show that daily yeast is recognised as an important contribution to the health value of a restricted national diet.

In Bottles	*to retail at*	*Trade Prices*
100 TABLETS	1/6	12/3 PER DOZ.
300 TABLETS	4/-	33/- PER DOZ.

Less 5% Cash in 14 days

Vitamin B.1 ..... 2.10 *mgms. per oz.*
Riboflavin (B.2) ..... 1.45 *mgms. per oz.*
Niacin ..... 9.50 *mgms. per oz.*

Yestamin DAILY YEAST

THE ENGLISH GRAINS CO. LTD. BURTON-ON-TRENT

For Effective Control of Pain

AMONG the many and diverse analgesics which have been evolved by modern chemical research, acetylsalicylic acid retains its reputation as one of the most effective. Experience proves that 'Alasil' helps to solve the problem of administering acetylsalicylic acid in an effective form. It is free from the risk of irritating the stomach or intestines or of causing general reactions.

In 'Alasil' the combination of acetylsalicylic acid with Dibasic Calcium Phosphate and 'Alocol' (Colloidal Aluminium Hydroxide), an effective gastric sedative and antacid, helps to obviate any tendency to gastric irritation. The advantages of 'Alasil' are therefore obvious. For these reasons you have the satisfaction of knowing that in recommending and selling 'Alasil' you are conveying distinct benefits to your customers.

Alasil

TABLETS

Aspirin with a Difference

Retail Prices : Bottles **1/7** *and* **3/1½**
Including Purchase Tax
Trade Prices : **11/3** *and* **22/6** *plus Purchase Tax*

On the PATA

A. Wander, Ltd., 5 and 7 Albert Hall Mansions
London, S.W.7

A Product of the 'Ovaltine' Research Laboratories

AYRTONS FOR PENICILLIN

PENICILLIN CREAM

No. 1 MAKING SET (The Original) ANHYDROUS
Per Set (to make 6 pots) ... **6/-** *Penicillin (100,000 units)* ... **1/-**

No. 2 MAKING SET. HYDROUS
Per set (to make 4 pots) **8/-**

No. 3 DAILY POSTAL SERVICE. Penicillin Cream B.P. freshly made and posted immediately. *Per ounce, post paid* **2/-**

PENICILLIN SOLUTION TABLETS.
Each tablet 12,500 units — *Tubes of 8* ... **2/-**. *Bottles of 80* ... **15/6**
" " 10,000 " — " *10* ... **2/-**. " *100* ... **15/6**

CHLOROCRESOL SOLUTION 0·05% for the preparation of Aurist, Guttae and Narist PENICILLIN. *Each*—4 oz. ... **2/-**. 10 oz. ... **3/-**. 20 oz. ... **4/-**

PENICILLIN OINTMENT B.P.
1 oz. tubes or jars ... *per doz.* **16/-** *2 oz. jars* ... *per doz.* **30/-**

PENICILLIN EYE OINTMENT. *1 drachm tubes* ... ... *per doz.* **10/-**

PENICILLIN LOZENGES B.P. *20's* ... ... *per doz.* **9/-**

PENICILLIN SNUFF "AYRTON" contains 10,000 units, Calcium Salt per gramme in a mentholised base. Packed in press-cap snuff tins containing *70 grains* ... ... *per doz.* **20/-**

PENICILLIN WITH STERILIZED POWDER SULPHATHIAZOLE.
5,000 units Calcium Salt per gramme.
Each — ¼ oz. ... **2/3** ½ oz. ... **4/-** 1 oz. ... **7/-**

AYRTON SAUNDERS & CO. LTD. LIVERPOOL

2/9 and 4/6
PER BOTTLE

Extensive advertising has created a big customer demand for this grand Iron Tonic. Cash in and get your fair share of this big, profitable business.

NO LICENCE REQUIRED.

VIRONITA
IRON TONIC

VIRONITA IS FAST SELLING AND PROFITABLE

M. CALTHORPE & COMPANY LIMITED, *Manufacturing Chemists*, OSSETT

V3/45/9

M A W O F B A R N E T

TRADE MARK

An appreciation from
THE HOUSE OF MAW

THE DIRECTORS of the House wish to thank the more than 2,000 customers who showed their confidence in the House by visiting their Golden Year Exhibition and Meritor Fair.

In proud tribute to the records held by veteran members of their staff, past and present, a Maw Director rode to the Exhibition on a four horse coach accompanied by three veteran employees who had each completed more than 60 years' active service with the Company.

At this writing 52 employees have completed 50 years and 8 have completed 60 years. This unique feat is claimed as a record for a Company of this size.

The gentleman in the costume of the period impersonated Maw's first Representative 100 years ago—the famous 'Walking Pegg.'

S. MAW, SON & SONS LTD · BARNET · HERTS

★ April 1948 Budget ★

"Vaseline"

BRAND

PREPARATIONS

AND

PINEOLEUM BRAND PRODUCTS

	Retail Price Inc. P. Tax
*"Vaseline" Blue Seal Yellow Petroleum Jelly Bottles. No. 1 size bottles	6½d.
"Vaseline" Yellow Petroleum Jelly Tins.	
*No. 1 size tins	3½d.
1 lb. tins, round	2/6d.
"Vaseline" White Petroleum Jelly.	
*No. 1 size tins	4½d.
*No. 1 size bottles	7½d.
*No. 2 size tubes	1/3d.
1 lb. tins, round	3/4d.
*"Vaseline" Borated Petroleum Jelly. Tubes	1/3d.
*"Vaseline" Capsicum Petroleum Jelly. Tubes	1/3d.
*"Vaseline" Carbolated Petroleum Jelly. Tubes	1/3d.
*"Vaseline" Camphor Ice. Card boxes...	9d.
*"Vaseline" Hair Tonic.	
No. 1 size bottle	2/7½d.
No. 2 size bottle	4/4½d.
*"Vaseline" Soapless Shampoo. Packets	5d.
‡Pineoleum Brand Nebulizer Outfit, with and without Ephedrine. Outfit, complete with inhalant, in carton	11/8d.
‡Pineoleum Brand Inhalant with and without Ephedrine.	
100 c.c. bottle, in carton	6/3d.
15 c.c. bottle with dropper ...	2/3d.
‡Pineoleum Brand Ephedrine Jelly. Collapsible tube with applicator ...	1/7d.

* On P.A.T.A. List. ‡ On CF List.

CHESEBROUGH MANUFACTURING CO., LTD.
Victoria Road, Willesden, N.W.10

We regret that restrictions only permit us to accept orders through our representatives, on their regular visits.

Sole Distributors for BAYBANK PHARMACEUTICALS Inc. (Pineoleum Brand Products)

A crying shame!

There are more fretful babies today, because there is less Nurse Harvey's available due to the bottle shortage. Let us know if you are not getting your fair share.

Baby's next best friend..

NURSE HARVEY'S MIXTURE

O. SCRUTON & CO. LTD., BARKER LANE YORK

MALT & COD LIVER OIL

1 & 2 LBS.

ALSO IN CARTONS

Place Your Orders Now

Advantageous prices on application

The Allied Drug & Chemical Co.
1 ROBERT ST., HAMPSTEAD RD.
LONDON, N.W.3
Telephone : EUSton 2524

Richard Daniel & Son Ltd

PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

Head Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Warehouse Grosvenor St. Ashton-under-Lyne Telephone 2816 (2 lines)

Meet the constant demand for a Sanitary Towel of QUALITY with

★ THE QUALITY of Silcot Towels is appreciated today by more women than ever. The cotton wool used in their manufacture, combined with the smooth knitted covers, ensures a degree of comfort which is not surpassed.

★ A feature of Silcot is the *stitched* loops. These are sewn to the cover, and make the towel safe and dependable in wear.

Silcot towels are available in five different sizes, including Maternity pads, which are of suitable thickness and absorbency.

SILCOT

MACDONALD & SON LTD. · DAWSON STREET · SALFORD · MANCHESTER, 3

THE RECONSTRUCTIVE TONIC
that's always in demand

The reputation of Neuro Phosphates as an ideal reconstructive tonic is world-wide. It is constantly being prescribed for the overworked, the convalescent, and the constitutionally delicate. In these days of strain it is in ever-increasing demand; the supply position has now improved and we can meet all reasonable requirements.

8-oz. bottles
Trade Price
38/7 per doz.
plus 12/11 purchase tax
Retail Price
5/4½ each
inc. purchase tax

NEURO PHOSPHATES

ESKAY BRAND

MENLEY & JAMES LTD.
123 Coldharbour Lane, London, S.E.5

For Smith, Kline & French Laboratories

NT 15

DISPLAY MATERIAL ON REQUEST

Backed by heavy national advertising there is a constant demand for these two popular lines. Make sure of your share of the trade by using this new disp'ay material on your counter or window.

DR. WILLIAMS PINK PILLS

Colourful Showcards (9″ x 7″) with strut for standing. Streamer bills (15″ x 4″) ready gummed for fixing to window or door.

BABLETS

Dummy display cartons (4½″ x 4″) in the well-known blue and white colour scheme. Window bills (11″ x 4″) and small corded showcards to match.

Write now for free display material to:—

G. T. FULFORD Co. Ltd. (of Canada) 8, Royston Park Rd., Hatch End, Middx.

Another fine Summer

THIS means that Esõban Cream of Calamine, now manufactured by an improved process, will be in greater demand than ever, and with the SPECIAL BONUS OFFER gives even larger profits. ESõBAN is soothing to the most delicate skin and indicated for acne, eczema, erythema, herpes, urticaria and many irritant skin conditions.

ESõBAN Cream OF CALAMINE

BONUS OFFER
Summer Season, 1948
14 to the dozen ... ... 6 dozen and over
13 to the dozen ... ... 3 dozen and over
For a two weeks' window and counter display

P.A.T.A.

4 oz. bottles **2/9** inc. tax.
Discount 33⅓%
Through all **C.F.** *wholesalers.*

SOUTHON LABORATORIES LIMITED, 88 UPPER RICHMOND ROAD, LONDON, S.W.15

'CONTENTA' GRIPE MIXTURE
***for* BABIES**
" The label sells it "
BLACKWELL HAYES & CO. LTD., *Wholesale Druggists*
54-58 MOOR STREET, BIRMINGHAM, 4

DRUGS, GALENICALS, PROPRIETARIES
Makers of 'Vitasac'
R. SUMNER & CO. LTD.
HANOVER STREET - LIVERPOOL, 1

MILLAMALT

The VITAMIN **MALT FOOD**

Sole Manufacturers With Vitamins (A. 6,500 I.U., D. 400 I.U. per fl. oz.)

JEFFREYS, MILLER & CO. Ltd. Leyland Mills, WIGAN, London Dept.: 19 Brookside Rd. N

OSOL is a vehicle possessing high solvent properties for halogenated fluorescein and other dyestuffs. This fact, combined with excellent miscibility with all usual cosmetic ingredients makes possible a new standard in the manufacture of lipsticks.

CRODA LIMITED
CRODA HOUSE
SNAITH, GOOLE, YORKS.

Compressed
TABLET SERVICE
WHOLESALE & EXPORT
Reasonable estimates.
Clients' own material operated if desired.

The ...
DALES ASPIRIN AND TABLETING CO.
Barrows Lane, STEETON, Yorks.

WHOLESALE PRICE

10/9 PER DOZ.

plus 3/7 Purchase Tax

RETAIL PRICE

1/6 PER JAR

including Tax

short-cut

super lather shaving cream—the speedy way to a perfect shave. Sold in attractive handy sized jars. Just the line for a regular, quick sale!

A Gay-Venture Product

Manufactured by :—

NORTH WESTERN LABORATORIES LIMITED

TOWNLEY LODGE, HANSON STREET, MIDDLETON, LANCASHIRE

Sole Selling Agents :—

Gay-Venture Beauty Preparations Ltd., 78 King Street, Manchester

LONDON'S COATS OF ARMS

Stoke Newington

The Armorial Bearings were granted and assigned to the borough in 1934. Crossed Swords and the red background represent the long connection of the Dean and Chapter of St. Pauls with Stoke Newington. The Lion is taken from the arms of John Dudley and the Griffin is taken from the Arms ascribed to Daniel Defoe. The banner held by the Griffin shows the Arms of Sir Thomas Abney.

The borough is fortunate in having some very fine open spaces and is generally accepted as being one of the healthiest districts in London. The name itself dates back to the Saxon period and signifies a new town in, or on the borders of, a wood.

DRUG MERCHANTS AND MANUFACTURING CHEMISTS

POTTER & CLARKE LTD

London & Manchester.

EXTRACTS

FOR ALL PURPOSES

* * * *

CONCENTRATED NON-ALCOHOLIC SOFT EXTRACTS FOR MAKING INFUSIONS · DECOCTIONS · TINCTURES · LIQUID EXTRACTS · ETC.

* * * *

MEDICINAL RESINS · OLEO · RESINS · RESINOIDS · TINCTURES

RANSOM'S

SPECIALLY PREPARED

SOLUBLE EXTRACTS

PRESENT THE FOLLOWING ADVANTAGES

These extracts are readily soluble and the resulting solutions need no filtration

They contain no spirit

Occupying less volume than the corresponding liquid product they economise in freight space

They were first put on the market by ourselves

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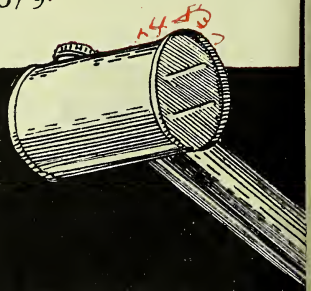

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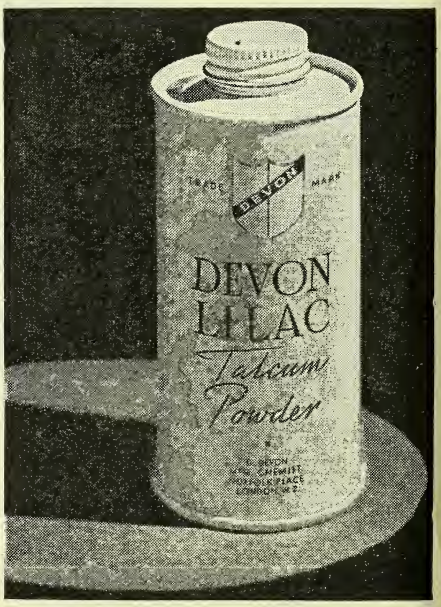

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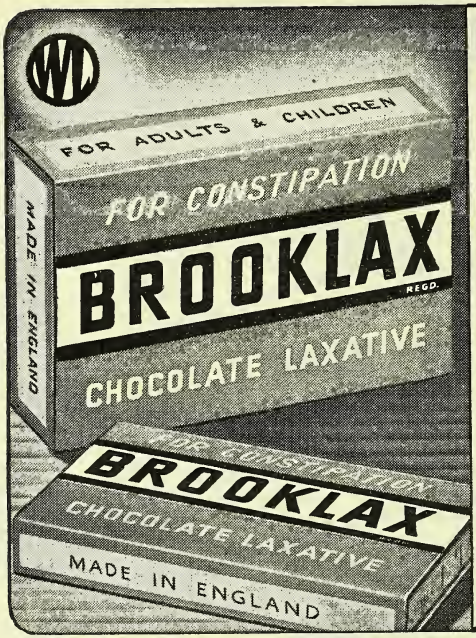

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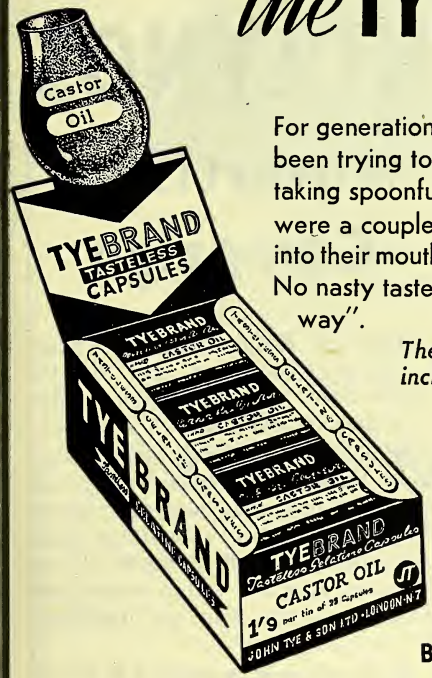

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	6. 8. 3.
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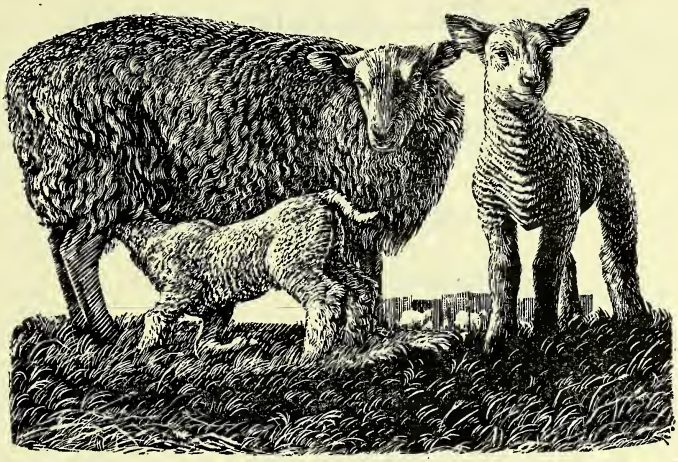

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No. 3558 Volume CXLIX

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NEWS OF THE WEEK

N.H.S. Leaflets Distributed.—The first pies of an official leaflet which explains e National Health Service, and which is ing sent to every family in Britain, were elivered on April 26.

Sweets Ration Increase. — The ration chocolates and sweets has been ineased for ration period No. 11 (which gan on April 25) to 16 oz. The four 11 coupons and the four E.11 coupons e each worth two points.

Retail Prices Index Figure. — The inistry of Labour announces that at arch 16 the official index figure, which easures changes in the average level of tail prices against the level at June 17, 947 (taken as 100), was 106, the same at February 17.

Insurance Cards for the Self-employed.—Self-employed persons who have ot yet applied for National Insurance ards are asked by the Ministry of ational Insurance to do so at once on orm C.F.6 (obtainable from post offices, mployment exchanges and local National nsurance offices).

Employees on Pharmaceutical Committees.—Pharmacists who are employed by National Health Service contractors or in hospitals are to be represented on local N.H.S. Pharmaceutical Committees which are to be formed in all Executive Council areas. Such employees are eligible both as candidates and as electors. To secure inclusion in voting lists they should write the following information on a postcard: Name and initials; private address; Pharmaceutical Society registration number; employer's name and full address of place of employment; Executive Council area in which place of employment is situated (available from branch secretaries of the Pharmaceutical Society or National Pharmaceutical Union). The postcard, with two foolscap envelopes bearing the applicant's name and private address, should be sent to the National Pharmaceutical Union, 4 Queen Square, London, W.C.1, to arrive not later than May 15. All envelopes should be marked "E" in the top left-hand corner. Contractors' representatives to Pharmaceutical Committees

are to be elected separately; information for compiling voting lists of contractors is already available.

Fermentation Research.—The Council of the Institute of Brewing is to set up near London an establishment for research in brewing and fermentation. Sir Ian Heilbron, F.R.S. (president of the Chemical Society) is the director of research.

Actinium Isolated. — Actinium, a rare radioactive element, long known to exist, has been isolated from radium by Dr. Hagemann and colleagues at the Argonne National Laboratories. Actinium has the atomic number 89.

E.R.P. Appropriations. — Britain is to receive $1,324,300,000 (£331,075,000) in the first year of the European Recovery Programme, according to figures submitted to the U.S. House of Representatives Appropriations Committee. The value of chemicals to be allocated is put at £16,775,000.

Ophthalmics Examination Results.—In examinations for the Diploma in Opthalmics conducted by the Institute of Chemists-Opticians on April 7 and 8, the following candidates were successful: GLASGOW: J. B. Barbour, J. Drummond, M. Feldman, B. Ferguson, P. J. Gallagher, T. G. Hanna, W. M. Laurie, J. L. McMaster, A. Scott, M. McKenzie Shearer. LONDON: J. B. Burns, V. H. Cuffley, B. Dodd, E. F. Elliott, H. J. H. Hurford, L. Klein, E. G. Lambe, L. W. Linney, D. J. Morris, H. J. Newman, H. Pickering, C. B. Prosser, A. K. Quist, K. R. A. Skinner, A. W. Spon-Smith, C. Stock.

Institute of Management. — The first meeting of the British Institute of Management, an organisation sponsored by the Government to improve the standards of management practice, was held in London on April 21. Among the speakers were Sir Stafford Cripps, Sir Charles Renold (chairman), Sir Frederick Bain (president, Federation of British Industries), and Miss Florence Hancock (chairman, Trades Union Congress). Sir Charles Renold said a national drive for better management would be developed along three main lines: Compiling knowledge about management, promoting education and training facilities, and propagating knowledge about management. There would be a comprehensive information service and reference library. Sir Frederick Bain recommended the institute to his fellow industrialists as "something well worth while supporting."

LOCAL NEWS

Sheffield Women Pharmacists. — The following officers were elected at the first annual meeting of the Sheffield Branch of the National Association of Women Pharmacists on April 19: *President,* Mrs. B. Dove; *Vice-president,* Mrs. A. Wright; *Treasurer,* Mrs. W. C. Toone; *Secretary,* Miss K. M. Radcliffe, Endcliffe Lodge, 10 Endcliffe Crescent, Sheffield, 10.

Leicester Students Visit London. — A party of final-year students from the School of Pharmacy, Leicester College of Technology and Commerce, recently visited the Pharmaceutical Society's pharmacological laboratories at Bloomsbury Square, and the Wellcome laboratories at Beckenham. The party was led by Mr. Colin Gunn, B.Pharm., Ph.C. (head of the school).

Dartford Officers. — At the annual meeting of the Dartford Branch of the Pharmaceutical Society on April 22, the following officers were elected: *Chairman,* Mr. L. G. Murphy; *Vice-chairman,* Mr. W. A. Smith; *Auditors,* Messrs. W. F. Parry and H. A. Phillips; *Secretary,* Mr. G. H. Sheard, 267 Princes Road, Dartford. Three documentary films were shown during the evening.

Great Yarmouth Officers.—At a meeting of the Great Yarmouth Pharmaceutical Association and Branch of the National Pharmaceutical Union recently, the following officers were elected: *Chairman,* Mr. R. C. Hannant; *Vice-chairman,* Mr. E. King; *Secretary* and *Treasurer,* Miss M. A. Hawkins, 3 St. Peters Road, Great Yarmouth. An address on "The Chemists Federation" was given by Mr. R. H. Kemp.

Dewsbury Branch Lecture. — At a meeting of the Dewsbury Branch of the Pharmaceutical Society on April 15, Mr. H. Moorhouse in the chair, Mr. S. J. Denyer, F.I.M.L.T. (chief laboratory technician to the Medical Research Council in Wakefield), spoke on bacteriology and immunity. After a brief reference to the causative organisms of the more common diseases, Mr. Denyer explained how immunity could be acquired, naturally or artificially. He briefly described antigen production and diagnostic tests, and concluded his lecture with a short survey of the rhesus factors.

Successful Refresher Course. — The average attendance at a series of eleven post-graduate lectures recently concluded

by the Harrow Branch of the Pharmaceutical Society was between forty and fifty. The lecturers were Messrs. H. W. Tomski (pharmaceutical economics), T. D. Whittet (sterilisation and therapeutics), F. C. King (surgical instruments and appliances), F. W. Adams (pharmacy law), and B. J. Thomas (emulsifying agents and ointment bases), and Dr. G. R. Boyes (pharmacology). A £7 surplus of fees over expenses has been contributed to the Pharmaceutical Society's convalescent home.

Allan Bone Memorial.—As a memorial to the late Mr. Allan Bone, M.P.S. (see *C. & D.*, 1947.II.38), a bed in the Cray Valley Hospital, St. Paul's Cray, has recently been endowed from proceeds of funds subscribed by members of the West Kent Branch of the Pharmaceutical Society and other friends. At a ceremony on April 18 a bronze memorial plaque near the bed was unveiled by Mrs. Bone. A tribute to Mr. Bone's services to the hospital was paid by Colonel Edelman, D.S.O. (chairman), who presented Mrs. Bone with a book in which were inscribed the names of the contributors. The ceremony concluded with a tribute to Mr. Bone from Mr. Percy Ripley (organiser of the memorial fund).

Southampton Medical Exhibition.—Exhibitors at the Southern Counties Medical Exhibition, held in Southampton, April 20-22, included: Abbott Laboratories (England), Ltd., the Armour Laboratories, Ltd., Boots Pure Drug Co., Ltd., British Oxygen Co., Ltd., British Schering, Ltd., Burroughs Wellcome & Co., Ciba Laboratories, Ltd., Evans Medical Supplies, Ltd., Genatosan, Ltd., Glaxo Laboratories, Ltd., C. J. Hewlett & Son, Ltd., Imperial Chemical (Pharmaceuticals), Ltd., Eli Lilly & Co., H. R. Napp, Ltd., Oppenheimer, Son & Co., Ltd., Oxo, Ltd., Rybar Laboratories, Ltd., Sharp & Dohme, Ltd., T. H. Spicer & Son, Vitamins, Ltd., William R. Warner & Co., Ltd., and John Wyeth and Bro., Ltd. The exhibition was organised by J. M. Loveridge, Ltd., manufacturing chemists, Southampton.

Visit to West End Pharmacy.—A party from the West Ham Association of Pharmacists visited the pharmacy of Allen & Hanburys, Ltd., 7 Vere Street, London, W.1, on April 22. After tea had been served in the staff canteen, the manager (Mr. B. J. Thomas) gave an informal survey of the use of modern emulsifying agents and described the equipment and fittings necessary for dispensing penicillin injections. The visitors were then shown the dispensary and the air-conditioned penicillin room of the pharmacy (see *C. & D.*, 1947.II.19-22). Features that attracted special interest were vacuum lines fitted to each dispensing bench for speedy filtration, and an elaborate timing mechanism (made by a member of the staff) for controlling a hot-air oven.

Manchester Annual Meeting. — The annual meeting of the Manchester Pharmaceutical Association and Branch of the Pharmaceutical Society was held on April 15. The report of the council and branch executive, read by the secretary (Mr. T. Miller), dealt with the work of the committee and with the general activities of the session. The report of the Junior Branch executive was read by Mr. J. Dawson. The treasurer (Mr. G. V. Tyler) reported that in both organisations there was a small balance in hand on the year. Votes of thanks were given to the president of the Association (Mr. H. Steinman) and to the chairman of the Branch (Professor H. Brindle) for their services. The announcement of the retirement of Mr. G. V. Tyler (treasurer) was received with regret, and he was thanked for his services for many years.

One-mile Limit Criticised.—Speaking at a meeting of the North Nottinghamshire Branch of the National Pharmaceutical Union on April 6, Mr. O. C. Seaton (a member of the N.P.U. Executive) said the National Health Service was a natural development of the existing N.H.I. service; pharmacists must adjust themselves to the new conditions which would obtain under the N.H.S. scheme. The increased counter trade which proprietor pharmacists had enjoyed for some years past might not last, but the new service would be a stable factor in their businesses. The N.P.U. was working out a more satisfactory scheme for the payment of chemists' accounts. Averaging would not be tolerated, and there was no suggestion that the present N.H.I. terms might be continued. The National Health Service would provide great opportunities for pharmacy, and if individual pharmacists responded they need not fear competition from health centres. The discussion which followed centred mainly round hours of service and dispensing in rural areas. There was general dissatisfaction that the one-mile limit had not been extended in the new Regulations, and a resolution was carried asking the N.P.U. to continue to press for an extension of the limit.

COMPANY NEWS

E. Nixon, Ltd. (P.C.).—Capital £2,000. To carry on the business of chemists, druggists, etc. Ernest Nixon and Walter Nixon, directors. R.O.: 4 King Street, Oldham.

Philip Flint, Ltd. (P.C.).—Capital £2,000. To carry on the business of chemists, druggists, etc. Philip S. Flint, M.P.S., and Mary M. Flint, directors. R.O.: 216 Stow Hill, Newport, Mon.

Henley Industries, Ltd. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in surgical and medical equipment and supplies, etc. Donald F. Henley and Kathleen F. Henley, directors. R.O.: 36 East Walk, East Barnet, Herts.

Kaveff Industrial Products, Ltd. (P.C.).—Capital £100. To carry on the business of manufacturers of toilet requisites and preparations, etc. Charles Firminger, John Firminger and Arthur J. F. Kenyon, directors. R.O.: 100 Byron Avenue. Cranford, Middlesex.

Gordon Lock (Grimsby), Ltd. (P.C.).—Capital £40,000. To acquire the business of a chemist carried on by Gordon Lock at Grimsby. Arthur Gordon Lock, M.P.S., William S. Proctor, M.P.S., and George G. Firth, M.P.S., directors R.O.: 7 Chantry Lane, Grimsby.

Vicsons, Ltd. (P.C.).—Capital £1,500. To carry on the business of manufacturers of laboratory equipment and apparatus, etc. Victor Wrate, Charlotte M. Wrate, Albert J. Wrate and James V. Wrate, directors. R.O.: 148 Pinner Road, Harrow.

S. R. Davis, Ltd. (P.C.).—Capital £100. To acquire the business of a chemist and druggist, etc., formerly carried on at 17 Strand, Dawlish, by the late Sidney R. Davis, M.P.S. The directors are Gladys I. Davis and Elizabeth M. Davis, Philip G. Luscombe, M.P.S., and Thomas O. Davis.

Deddington Pharmacy, Ltd. (P.C.).—Capital £100. To carry on the business of chemists, etc. Reginald P. Brough, M.P.S., Ethel C. Brough, John E. Makin, M.P.S., and Winifred M. Makin, directors. R.O.: Coniston House, New Street, Deddington, Oxon.

E. M. de Souza & Co., manufacturing chemists, Rangoon, Burma.—The partnership is shortly to be converted into a limited liability company, with a nominal capital of Rs. 30,00,000 (£225,000), of which Rs. 15,00,000 is being issued immediately. The bulk of the issued capital is to be held by Dr. Alexander de Souza, M.A. (present managing partner).

Cooper, McDougall & Robertson, Ltd.—Net profit for 1947, after taxation, amounts to £90,177, against £138,912. The ordinary dividend is maintained at 8 per cent.

United Glass Bottle Manufacturers, Ltd.—Net profit for the year ended December 31, 1947, amounted to £266,425, against £259,222. A final dividend on the ordinary shares of 10 per cent. has been declared, making 15 per cent. for the year compared with 12½ per cent. in 1946.

LEGAL REPORTS

Official Referee Decides.—In the High Court, London, on April 21, the liquidator of Mumford & Co., Ltd., manufacturing chemists, Victoria Terrace, Kingsway, Hove (now in liquidation), claimed various sums totalling £2,008 lent or paid for the use of Synthetics, Ltd., Castlereagh Street, London, W.1. The defendants, who made up and packed the plaintiff's products pleaded that they had discharged all their indebtedness to the plaintiff company before the action was brought in June 1947. The Official Referee said that, after a careful investigation of the confusion in the accounts between the two companies, he found that the defendant company was still indebted to the plaintiffs to the extent of £1,921, and he gave judgment for that sum, with costs.

Compulsory Winding-up. — In the Chancery Division, London, on April 19, an order for the compulsory winding-up of Maestro (Pharmaceutics), Ltd., was made on the petition of judgment creditors for £300. For the petitioners it was stated that the matter had been standing over to enable the company to make some proposal, but nothing had matured except vague suggestions that something might be done. Counsel for the company applied for an adjournment, and said that that day agreement had been obtained from the main creditors (for £1,800) to an adjournment for three weeks. Petitioners' debt was £300, and they were supported by creditors for £150, but the creditors he represented were for over £2,000, the total amount due to creditors being in the region of £3,000.

BUSINESS CHANGES

Vitamins, Ltd., have appointed Mr. D. R. Evans as their representative for South Wales and Monmouthshire.

Consolidated Glass, Ltd., bottle suppliers, have removed to Carlton House, Regent Street, London, S.W.1 (Telephone: Whitehall 7441).

Chas. Zimmerman & Co., Ltd., chemical manufacturers and merchants, St. Mary-at-Hill, London, E.C.3, have moved their essential oil department from the Mitcham premises to a new factory: Dega Works, Walmgate Road, Perivale, Middlesex.

Pharmaceutical Laboratories Geigy, Ltd., have established a medical department at Manchester to which work previously undertaken on their behalf by H. R. Napp, Ltd., 3 Clements Inn, London, W.C.2, has been transferred. The address for correspondence is National Buildings, Parsonage, Manchester, 3.

TOPICAL REFLECTIONS

Working Party's Report

It is to be hoped that everyone intending to dispense under the National Health Service will study the report of the Working Party, begun in your issue of April 17 and completed on pp. 536-40 of last week's issue. The study is not one that can conveniently be left to secretaries of chemists' associations and of pharmaceutical committees. Proprietors of pharmacies and their qualified assistants should know the findings, and the reasons for the findings, of the Working Party. Otherwise there will not be an intelligent appreciation of the negotiations between the National Pharmaceutical Union's committee and the Ministry of Health, and the new service may as a result be launched to the accompaniment of vague criticisms that better knowledge would have suppressed. Criticisms of the new service will do doubt arise —it would be strange if they did not; but they should be based on full knowledge of the data and conclusions of the Working Party. Anyone who has not already read your long selection from the thirty-two "foolscap sheets printed on both sides in single-spaced typewriting" may be advised to begin with the Party's summary of conclusions, and then turn to the beginning of the report. It is probable that with more time at their disposal the authors could have condensed this final section into a smaller number of paragraphs. Byron (I think it was he) once wrote, apropos of an article or letter: "I have not time to make this any shorter." However, we are much indebted to the members of the Party.

Diversity in Unity

One fact stands out, more clearly perhaps than any other, in the report. The differences between English and Scottish practice in National Health Insurance dispensing are not so great as long circulating rumours had suggested. Ample detail on this point is found in the report, and I need not quote from it. When the differences mentioned are reduced to terms of convenient units, they are usually found to be quite small. The fact is that in all parts of Great Britain chemists have, as Mr. H. Steinman told a Somerset audience recently (p. 519), given a satisfactory service for thirty years. Local differences can therefore be to a great extent ironed out in negotiating with the Ministry of Health; and I entirely agree with the Party's conclusion that "it is possible to devise a single Tariff of a flexible character." Most of us realise, I suppose, that the ratio of each class of medicament to the others cannot be expected to remain constant over a long period; it follows that there must be an emphasis on "flexible" in the phrase just cited. Expressed in concrete terms, this involves a search for the most suitable units of pricing. They should be such as will be adaptable to the various classes of pharmacy in which N.H.S. dispensing is to be undertaken.

The First Chiropodist

In the numerous references to the chiropodist (and his work) that have appeared in THE CHEMIST AND DRUGGIST for many years past, I have never, to my knowledge, seen any account of the word itself. The Oxford English Dictionary traces it to a Mr. D. Low, and with its customary scholarship comments: "Whether the inventor put together . . . [Greek words for 'hand' and 'foot'] or whether he had in view a Greek word meaning 'having chapped feet,' does not appear." I venture to think that this comment credits the worthy Mr. Low, of Davies Street, Berkeley Square, London, W., with more learning than we may suppose he possessed. No profound knowledge of Greek is needed in order to turn "hand and foot practitioner" into "chiropodist"; had the choice of the inventor fallen on Latin, our language would probably have received the addition of "manupedist" instead. In 1785, Low issued a pamphlet of 140 duodecimo pages under the title "Chiropodologia, or, a Scientific Enquiry into the Causes of Corns, Warts, Onions [i.e., bunions], and other painful or offensive Cutaneous Excrescences . . . The Whole . . . systematically confirmed by the Practice and Experience of D. Low, Chiropodist." Though in the main a circular advertising his own appliances, preparations and services, the publication included recipes for corns, warts, "onions" and chilblains. One contemporary notice was sarcastic; "The European Magazine" referred to the new word thus: "Classic lore . . . has now reached Davies Street . . . the residence of our Lucretian *Chiropodist* (anglicé corn-cutter)." Low was at home to customers two days a week, and on other days went to houses where his services had been ordered.

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DEATHS

BARNETT.—On April 12, Mr. Charles Peter Barnett, M.A., M.P.S., 68 Easthampstead Road, Wokingham, Berks, aged forty-six. Mr. Barnett was chief pharmacist at Warlingham Park Hospital and formerly pharmacist at Pine Wood Sanatorium.

BELL.—On April 3, Mr. Albert Edward Bell, M.P.S., 57 Poulders Gardens, Sandwich, Kent, aged eighty.

CASSON.—On April 12, Mr. Sydney Casson, M.P.S., 251 Ashton New Road, Beswick, Manchester, 11, aged forty-nine.

CRUIKSHANK.—On April 12, Mr. Alexander Cruikshank, Balnacuil, Innellan, formerly of 177 Bruntsfield Place, Edinburgh, aged seventy-four. Mr. Cruikshank qualified as a chemist and druggist in 1895.

FLOOD.—In hospital recently, Mr. Frank Flood, M.P.S., 64 Chaucer Road, Bedford. A director of Taylor, Brawn & Flood, Ltd., 71 High Street, Bedford, Mr. Flood had been in business locally for more than forty years. He served his apprenticeship with Taylor & Cuthbert, the parent firm of the company of which he was later to become a director.

LEESON.—On April 13, Mr. Leonard Joseph Leeson, M.P.S., 64 Horringer Road, formerly of 31 Abbeygate Street, Bury St. Edmunds, aged sixty-nine.

MARCH.—On April 12, Mr. Thomas Frederick March, Grisedale, Bridge Road, Torquay, aged eighty-three.

SHIVAS.—At the hospital, Coulsdon, Surrey, on March 21, Mr. Alexander Lornie Shivas, 237 Stafford Road, Wallington, Surrey, formerly of Aberdeen, aged fifty-one. Mr. Shivas qualified as a chemist and druggist in 1920.

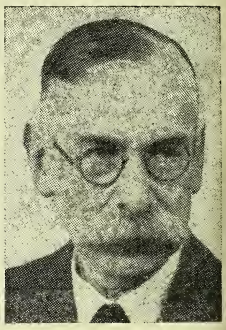
TRUSCOTT. — On April 9, Mr. Richmond John Notting Truscott, M.P.S. (Gale, Baiss & Co., Ltd., London, S.E.15). Mr. Truscott qualified in 1938.

WEIR.—At Mullingar, co. Westmeath, Eire, recently, Mr. Hugh Weir, Ph.C., aged seventy. Mr. Weir carried on business for many years at Earl Street, Mullingar. He qualified in 1909. A prominent member of the Archæological Society of Ireland, he was the author of a booklet, "Antiquities of Westmeath."

WILLIAMS.—On April 4, Mr. Gwilym Edward Williams, 68 Manor Road, Richmond, formerly of Richmond House, Abergele, aged sixty-six. Mr. Williams qualified as a chemist and druggist in 1904.

PERSONALITIES

MR. ROBERT HAYWARD, manager of the surgical dressings department of S. Maw, Son & Sons, Ltd., Barnet, Herts, who completed fifty years' service with the company on March 21, was entertained recently to a luncheon by the directors. At a ceremony during the luncheon the directors presented him with a cheque. Later he was presented with a radio set, cheque and illuminated address on behalf of the staff. Mrs. Hayward, a former employee of the company, received a handbag and bouquet. Mr. Hayward has been manager of the department for over twenty years. He is well known to members of the Surgical Dressing Manufacturers' Association, on which he has been one of the company's representatives since its inception.



MR. F. T. R. HOLLINGS, M.P.S., Marton Road, Grove Hill, Middlesbrough, has been appointed advisory pharmacist to the Middlesbrough urban town council health committee.

MR. GEOFFREY HIRST (managing director of Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Leeds, 7) has been appointed a member of the National Advisory Council on Education for Industry and Commerce.

MR. JOHN BARRS, D.Opt., a director of Percy Barrs & Son, Ltd., 106 Kensington Church Street, London, W.8, and son of the late Mr. Percy Barrs, M.P.S., is coach to the British weight-lifting team to take part in the Olympic Games to be held in Britain. Mr. Barrs is the author of a book and editor of a periodical on weight-lifting.

MR. G. H. ARMITAGE, M.P.S. (secretary, Registered Pharmacists' Union), has written to Mr. F. W. Skinnard, M.P., thanking him for raising in the House of Commons the question of exclusion of employee-pharmacists from the pharmaceutical "Whitley" Council, pointing out that employees will have a large share of the responsibility in operating the National Health Service and suggesting that, if not officially, they will have to be consulted unofficially.

STANDARDS FOR MEDICINES ADVERTISEMENTS

THE "First edition, March 1948" of a "British Code of Standards in relation to the Advertising of Medicines and Treatments" has been issued with the approval and support of the Advertising Association, Incorporated Society of British Advertisers, Institute of Incorporated Practitioners in Advertising, Newspaper Proprietors' Association, Newspaper Society, Periodical Trade Press and Weekly Newspaper Proprietors' Association, and Proprietary Association of Great Britain. The Code sets forth minimum standards to be observed by advertisers, manufacturers and distributors of proprietary medicines, publishers, etc. Its provisions do not apply to advertisements published by Government departments or local authorities, nor to advertisements published "only in so far as is reasonably necessary to bring it to the notice of registered medical or dental practitioners, registered pharmacists or registered nurses." Three sections deal successively with: General recommendations; statutory restrictions; and diseases, illnesses or conditions for which medicines, treatments or products may not be advertised.

The Code recommends that no advertisement should contain (a) a claim to cure any ailment or symptoms of ill-health; (b) any matter capable of being regarded as an offer of treatment of serious conditions that should rightly receive the attention of a registered medical practitioner; or (c) any matter that "directly or by implication misleads or departs from the truth" as to the composition, character or action of the medicine or treatment advertised or as to its suitability for the purpose for which it is recommended.

No advertisement should be calculated to induce fear on the part of the reader that he is suffering from an ailment, illness or disease. Prize competitions and similar schemes should be avoided, and no offer should be made to diagnose or treat by correspondence, or request statements about a person's symptoms with a view to giving advice or providing for treatment by correspondence. No advertisement should offer to refund money paid. Terms such as "clinic," "institute" should be avoided unless an establishment corresponding with the description in fact exists. No advertisement should refer to doctors or hospitals unless the reference "can properly be used in the manner proposed"; nor should any contain in the name of a product the term "Doctor" or "Dr." "unless the product were so named prior to January 1, 1944."

A recommendation as to advertisements for medicines for irregularities peculiar to women gives examples of expressions to be avoided. ("Female Pills," "Not to be used in cases of pregnancy," "The stronger the remedy the more effective it is," "Never known to fail"). Illustrations in advertisements should be "in good taste," and not distorted or exaggerated to convey false impressions. Terms such as "magic," "magical," "miracle," "miraculous," should not be used, and no advertisement should claim or suggest "contrary to the fact," that the value of article advertised lies in its being a "natural" product. Suggestions that an article, product, medicine or treatment has some special property or quality that is unknown or unrecognised are to be avoided, as are claims that the product promotes sexual virility or is effective in treating any ailment, illness or disease associated with sexual excess or indulgence, premature ageing and the like. No statement or implication should be allowed to appear in a testimonial that would not be permitted in the text of the advertisement.

THE WEEK IN PARLIAMENT

MR. S. T. SWINGLER asked the Minister of Pensions on April 20 if he was aware of the present difficulties of pensioners who required stump socks; the issue of six socks yearly was not enough; and whether he would increase the issue.

MR. BUCHANAN replied that he was doing all he could to make larger individual issues. Additional contractors had been obtained and plans had been made to use the services of disabled persons in Remploy factories. Production was improving and the issue would be increased so soon as possible.

MR. SCOTT ELLIOTT asked the President of the Board of Trade on April 20 whether he was aware that the demand for sodium compounds from both home and overseas markets considerably exceeded the supply, and whether he had considered increasing the supply by employing firms other than Imperial Chemical Industries, Ltd., on their manufacture.

MR. J. W. BELCHER (Parliamentary Secretary): We are taking all measures possible to increase the supply, including the support of suitable projects put forward by firms other than the one that has been mentioned.

TRADE NOTES

Botanicals.—S. A. Shepherd & Co., 15 Seething Lane, London, E.C.3, are suppliers of crude drugs, especially ipecacuanha and senega roots and senna leaves and pods.

T.S.A. Licence. — Davidson & Hardy, Ltd., the Ulster Medical Hall, 20 Castle Place, Belfast, are holders of a Therapeutic Substances Act licence for the manufacture of penicillin injections and undertake work for other pharmacists.

Approved Disinfectants.—Prince Regent Tar Co., Ltd., Brettenham House, Lancaster Place, London, W.C.2, are actual producers of disinfectants and sheep dips approved by the Ministry of Agriculture and Fisheries.

Wrinkle Remover.—Chemists interested in the exclusive distribution of Sothis preparation for the removal of wrinkles are invited to communicate with La Compaignie des Cosmetiques Grand Siecle, Ltd., 234 Kilburn Lane, London, W.10.

Cosmetic Shade Card.—J. Grossmith & Son, Ltd., 45 Piccadilly, London, W.1, have produced an attractive chart showing, on a stiff white folder, the actual appearance of Grossmith's face powders and lipsticks when applied.

Transparent Paper and Bags. — A. Elder Reed & Co., Ltd., 105 Battersea High Street, London, S.W.11, announce that their paper department is now able to accept further orders for printed or plain transparent paper and bags. Supplies are being allocated partly to home and partly to direct or indirect export buyers.

Drug-trade Machinery.—W. Shupak & Co., Ltd., 99 Kingsland High Street, London, E.8 (an associated company of the Esco (Rubber), Ltd.), specialise in the manufacturing plant and moulds required for the production of rubber latex products; they also supply drying ovens, steel tanks, machinery for the production of sanitary towels, etc.

Price Labels.—Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1, are preparing adhesive labels to adjust the price on display outers for the Wellcome photographic year-book, which has been reduced in consequence of recent purchase tax changes. Chemists are invited to make application for a supply of the labels, stating the number required.

South African Branch.—Orridge & Co., business transfer and employment agents and valuers, 184 Strand, London, W.C.2, are establishing a branch business in the Union of South Africa and invite inquiries from pharmacists who are contemplating emigration. Mr. S. V. Brown (a principal), is leaving for South Africa on November 1, and will welcome commissions or instructions.

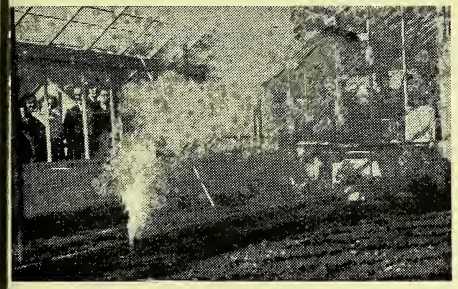
A Registered Trade Mark. — Chesebrough Manufacturing Co., Ltd., Victoria Road, Willesden, London, N.W.10, emphasise that the word Vaseline is a registered trade mark, the property of the company, and not a generic term for petroleum jelly. As such it has been incorrectly used in several formulas on pp. 192-93 of "Pharmaceutical Formulas," Vol. II, and users of that formulary are asked to make the necessary alterations.

Films. — Evans Medical Supplies, Ltd., Speke, Liverpool, 19, have produced a folder describing their documentary film "Take Thou." — Fred Hurtley, Ltd., Victoria Park Mills, Bradford Road, Keighley, Yorks, have produced a film advertising the Litesome supporter. The film is entitled "Moral Support." Plans have been made for widespread showings in cinemas during May and June. Simultaneously there will be an advertising campaign in the national Press and specialised publications. A showcard is available.

Hand Sprayer.—Quadrant Garden-hose Spray, Ltd., Cumberland Road, Stanmore, Middlesex, have introduced the Handispray (illustrated) for the spraying of disinfectants, insecticides, deodorants and hormones in house and garden. The device fits all screw-cap containers. It is held and operated by one hand.

War on Insects.—Chemists who are considering what anti-insect preparations to order will find useful assistance in the following details of advertisers and products: Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1: Sketofax cream insect-repellent, which is

being advertised in a number of women's publications; COOPER, MCDOUGALL & ROBERTSON, LTD., Berkhamsted, Herts: Cooper's fly spray, moth spray, moth powder, bin powder and household insecticide, and Pulvex, Sopex and Kurmange preparations for dogs; all contain DDT;



EVANS MEDICAL SUPPLIES, LTD., Speke, Liverpool, 19: Flybay insect repellent, of which orders for 1 doz. tubes or more are being supplied in a new display outer; HARKER, STAGG & MORGAN, LTD., Emmott Street, London, E.1: DDT (Geigy) dusting powder and Peldosect "double-action" insect spray, containing DDT with pyrethrum, for household and garden use; MURPHY CHEMICAL CO., LTD., Wheathampstead, nr. St. Albans, Herts: Murfume DDT and azobenzene smoke for fumigating greenhouses (see illustration); POTTER & CLARKE, LTD., 60 Artillery Lane, London, E.1: Potter's Haddit house insecticide spray containing DDT and pyrethrum, and Haddit dusting powder containing DDT; RODMILL CHEMICAL CO., LTD., Liverpool, 3: Didit flypapers impregnated with DDT.

Price Changes. — C.N.P. COSMETICS, LTD., announce that they have reduced the retail price to the public of their lipstick, complete with holder. The refill price has not changed except by the amount of purchase tax reduction.—MAY & BAKER, LTD., Dagenham, list twenty-five products which are exempt from purchase tax under the Purchase Tax (No. 1) Order, 1948.—PAINES & BYRNE, LTD., Pabyrn Laboratories, Bilton Road, Greenford, Middlesex, name fifty-one items in their price list that are now tax-free.—RIDDELL PRODUCTS, LTD., Axtell House, Warwick Street, Regent Street, London, W.1, announce that, from April 23, Riddobron inhalant has been exempt from purchase tax.—SIMMONDS PRODUCTS, LTD., Great West Road, Brentford, Middlesex, are reducing the prices of Octim cleaner on May 1; the new prices are being nationally advertised.—Seventeen items in the price list of WARD, BLENKINSOP & CO., LTD., 6 Henrietta Place, London, W.1, are now tax-free.—JOHN WYETH & BRO., LTD., Clifton House, Euston Road, London, N.W.1, point out that Plastules hog stomach and folic acid are exempt from purchase tax as from April 1.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Hommel's Haematogen & Drug Co.*, Trisan (anti-asthmaticum), 45s. doz., tax 33⅓ per cent., inclusive retail price 6s. 3d.

Moore Medicinal Products, Ltd., Bon Accord inhaler, glass, 88s. doz., 11s.; Metheph tablets, 25's, 24s. doz., 3s.; 100's, 78s. doz., 9s. 9d. (all exempt from tax).

Wilson's Chemical Products, Ltd., B.D. Baume Dalet outfit, 56s. 3d. doz., tax 1s. 3d., i.r.p. 7s. 6d.

Alterations to List (Part 1).—*Aero-Ped, Ltd.* (agents: *S. Maw, Son & Sons, Ltd.*), Revised display terms: Aero-Ped foot ointment and powder, four doz., less 2½ per cent.; six doz., less 5 per cent.

Denver Chemical Mfg. Co., Revised prices, April 19, Great Britain and Northern Ireland: Antiphlogistine, 10½-oz., 24s. doz., tax 33⅓ per cent., i.r.p. 3s. 6d.; 16-oz., 34s. doz., tax 33⅓ per cent., i.r.p. 5s.; 32-oz., 60s. doz., tax 33⅓ per cent., i.r.p. 8s. 9d.; 5-lb., 132s. doz., tax 33⅓ per cent., i.r.p. 19s.; Eire and Channel Islands: 5-oz., 14s. 6d. doz., 1s. 9d.; 10½-oz., 25s. doz., 3s.; 16-oz., 35s. doz., 4s. 3d.; 32-oz., 63s. doz., 7s. 6d.; 5-lb., 134s. doz., 16s.

Johnson & Johnson (Gt. Britain), Ltd., Prices in Eire: Johnson's baby powder, 12s. 4d. doz., 1s. 6d. Quantity orders withdrawn.

Cicfa Co., Ltd., Holloways Pills, Ltd., Iron Jelloid Co., Ltd., and *Irving's Yeast-Vite, Ltd.*—Since April 1, products of the above companies have been distributed in Great Britain and Northern Ireland by J. C. Eno, Ltd., Whippendell Road, Watford. The goods may be included in £10 display parcels on terms now applicable to the Eno group.

Bob Martin, Ltd., New cash discount terms replacing, since April 1, former "bonus-in-goods": All preparations of the company purchased to minimum quantities quoted below now carry an extra 5 per cent. quantity discount in addition to the 2½ per cent. for settlement within one month: Preparations for dogs and cats, minimum parcel value, £3; Pestroy, minimum parcel of three doz., 9d., or one doz. 2s. size; Stocksense, minimum parcel, one case (any sizes).

Moore Medicinal Products, Ltd., Brovon midget inhaler, amber glass, 80s. doz., 10s.; clear glass, 72s. doz., 9s. Bon Accord inhaler, plastic, 120s. doz., 15s. (all exempt from tax).

Potter & Clarke, Ltd., Prices in Eire: Potter's stramonium cigarettes, box of eighteen, 14s. doz., 1s. 9d; Bush tea, 10s. 6d. doz., 1s. 4d.; Kasbah kidney remedy, 10s. 6d. doz., 1s. 4d.

TAX LIFTED FROM MANY MORE MEDICINES

From June 1, drugs or mixtures of drugs included in any edition of the B.P., B.P.C., N.W.F. or any formulary under the National Health Service, will be free of purchase tax.

THE Finance Bill (No. 2), the text of which is now available, includes provisions to exempt from purchase tax, from June 1, a further range of manufactured or prepared medicines (except toilet preparations). The goods must comply with certain labelling and packing requirements and, apart from any "get-up" (see below), must (except for any excipient, vehicle, base or preservative), consist solely of one or more substances described in any of the following:—

(a) A monograph in any edition of the British Pharmacopœia; or
(b) A monograph or the formulary in any edition of the British Pharmaceutical Codex; or
(c) The National War Formulary; or
(d) Any formulary approved by the Ministry of Health for the purposes of the National Health Service.

The goods must be in a container, and the container or a label on it, must comply with the following labelling requirements:

(1) For each constituent a conspicuously written statement of the name, synonym or abbreviation as set out at the head of the relevant monograph or formulary, with a reference (which may be abbreviated) to the pharmacopœia, codex or formulary in which the monograph or formula appears.

(2) Anything necessary to comply with any other Act in force in Great Britain or Northern Ireland (e.g. the Pharmacy and Medicines Act 1941).

Optional and Prohibited Words

The label may also bear the following information:—

(a) Directions for use or storage;
(b) Quantitative particulars;
(c) Manufacturer's batch number;
(d) The price

and may also include, in writing not more conspicuous than the statement of name and reference to a formulary, etc., the name and address of the maker, seller, supplier and distributor of the goods.

No other writing, nor any trade mark, as defined in the Trade Marks Act 1938:

> A mark used or proposed to be used in relation to goods for the purpose of indicating, or so as to indicate, a connection in the course of trade between the goods and some person having the right either as proprietor or as registered user to use the mark, whether with or without any indication of the identity of that person.

may be included on the label or get-up of the goods.

TAX-FREE

25
TABLETS
OF ASPIRIN,
B.P.C. 7th Suppt.

Dose: Adults, two tablets three times a day. Children, half to one tablet.

SMITH & CO.,
BROADWAY,
OFFORD
1/3

Batch No. E/7893

MISTURA
DIURETICA
N.[W.]F.

Dose: One tablespoonful three times a day in water.

A.B.C. DRUG CO.,
SHEFFIELD

Supplied by

HENRY JONES, M.P.S.,
High Street,
Middlehampton

PLUMMER'S
PILLS
B.P.C.

One or two to be taken as a purgative

JOHN GAY, Ph.C.,
Quiet Street,
BATH

Points to note are that the titles conform to the titles as given in the codex or formulary, or to synonyms there given, and that the source is indicated. The name of the supplier, or of the manufacturer and supplier, is in writing no more conspicuous than the title of the product. The above labels have been approved by the Customs and Excise authorities.

The term "get-up," according to clause 21 of the Bill, includes marking, labelling packing or any other treatment adopted for identifying goods and/or presenting goods to the user or consumer. Anything, other than a container or label, forming part of the get-up of the goods, and the goods themselves, may bear any writing required or permitted above, but nothing else.

TAXABLE

ROSE WATER
OINTMENT
B.P.C.

Used as an emollient for the skin

JOHN GAY, Ph.C.,
Quiet Street,
BATH

GEISHA BRAND
TABLETS OF
ASPIRIN
B.P.C. 7th Suppt.
Grains 5
Manufactured only by
KIMONO CHEMICALS
FRINTON
Agent:
JOHN GAY, Ph.C.,
Quiet Street, BATH

FOR A
TROUBLESOME
COUGH
take one tablespoonful when required
MIST. AMMON.
CHLORID. N.[W.]F.
Made by
COUGH MIXTURES,
LTD.,
Birmingham
Supplied by
JOHN GAY, Ph.C.,
Quiet Street, BATH

Points to note are that although in each example the name of the manufacturer and/or supplier is no more conspicuous than that of the product, the first is a toilet preparation, the second includes a trade mark and the third includes in the directions a word ("troublesome") that is superfluous to "directions as to use" and incorporates a feature "not in accordance with the spirit of the provisions of the Bill."

POTENT LIVER FACTOR ISOLATED

Lester Smith and other workers at the research division, Glaxo Laboratories, Ltd. ("Nature," April 24, p. 638), have isolated two coloured substances from ox liver that are highly active against pernicious anæmia and are believed to be two different forms of the liver anti-anæmia factor first postulated by Minot and Murphy in 1926. The factor is one of the most potent physiologically active substances known, and an effective dose against pernicious anæmia may prove to be no more than 0.0025 mgm. daily; 20 tons of liver has had to be processed to produce barely 1 gm. of the active substance. Crude extracts of ox liver were purified and the active principal separated by repeated chromatography. Later it was found that a more active product was isolated if proteolysed liver extracts, commercially produced, were used as the starting material.

Over eighty cases of pernicious anæmia have so far been treated with the substance, which has proved to be effective also in three cases of subacute combined degeneration of the spinal cord. A recent preparation, purified finally by electrophoresis, and not tested clinically, is expected to be effective in doses of 0.04 mgm. The products are amorphous solids with about the red colour of cobalt salts. Molecular weight, as indicated by diffusion methods, is about 3,000. The products are "exceedingly soluble" in water and are not readily salted out; are soluble in nearly anhydrous alcohol, etc., but not in ether, chloroform or non-polar solvents. Preliminary chemical investigation shows that the various batches have contained 11.7-13.9 per cent. of nitrogen. On acid hydrolysis an acidic and a neutral pigment are produced. The residual acid layers contained peptides, and after further hydrolysis, followed by chromatography and microbiological assay, proline, hydroxyproline, leucine, serine, glutamic acid and *p*-aminobenzoic acid have been detected. Since contributing their letter to "Nature," the writers have learned that other workers at the laboratories of Merck & Co., Inc., Rahway, N.J., U.S.A., are publishing a description of crystalline vitamin B_{12}, isolated by them, which appears also to be the pure anti-pernicious-anæmia factor.

B.P. CHANGES AT A GLANCE

Official from September 1, the British Pharmacopœia, 1948, makes four kinds of change from its predecessor: 1, Modifications to retained monographs; 2, monographs taken over from Addenda; 3, monographs that appear for the first time; and 4, monographs omitted from the 1932 B.P. and Addenda.

New monographs in **Black Type.** Retained monographs in CAPITALS. Omissions in [*Italics*] between square brackets. M.W.=Molecular weight. Min.=Minims. gr.=grain. gm.=gram. M.P.=Melting point.

ACACIA.—Tests for agar, tragacanth and sterculia gum added.

Acacia Pulvis.—Description: White; in colourless angular fragments which, when treated with water, rapidly diminish in size and finally disappear. Requirements as for "Acacia."

Acetarsol.—(Included from Addendum 1, 1936). Formula given graphically. M.W. 275.1 (instead of 275.0). Wording substantially as in Addendum I, rearranged to at-a-glance system adopted throughout new Pharmacopœia.

[*Acetone.*—Included as reagent; requirements on p. 628].

Acetomenapthonum. — (Included from Addendum VI). Maximum dose reduced from gr. 1 to gr. $\frac{1}{6}$.

ACETUM SCILLÆ.—Formula restored to that of B.P. 1932, i.e., Indian Squill (permitted under Addenda IV and VI) omitted.

ACIDUM ACETICUM.—Strength: 33.0 per cent. w/w (unchanged). Tests for aldehydic substances and odorous impurities added.

ACIDUM ACETICUM DILUTUM.—Strength: 6 per cent. w/w (unchanged).

ACIDUM ACETICUM GLACIALE.—Strength: 99.0 per cent. w/w (unchanged).

ACIDUM ACETYLSALICYLICUM. — Formula shown graphically. M.W. 180.2 (instead of 180.1). Salicylic acid test of Addendum VII included.

Acidum Ascorbicum. — (Monograph rearranged from Addendum I). Maximum (therapeutic) dose increased to gr. 8. Unit strength and biological assay omitted.

ACIDUM BENZOICUM.—M.W. 122.1 (instead of 122.0). Chlorinated compounds test modified. Doses omitted.

ACIDUM BORICUM.—99.5 per cent. (unchanged).

ACIDUM CITRICUM.—Test for oxalic acid modified.

[*Acidum Hydrobromicum Dilutum*].

ACIDUM HYDROCHLORICUM.—M.W. 36.47 (instead of 36.46). Strength: 35.0 to 38.0 (instead of 31 to 33 per cent.) w/w. Sulphate test modified.

ACIDUM HYDROCHLORICUM DILUTUM. — Strength: 10 per cent. w/w (unchanged). Made by mixing hydrochloric acid, 274 gm., with distilled water, 726 gm. Maximum dose: 120 min. (doubled).

[*Acidum Hydrocyanicum Dilutum*].

ACIDUM HYPOPHOSPHOROSUM DILUTUM.—Strength: 10 per cent. w/w (unchanged). Turbidity test with dilute sulphuric acid denotes limit of "barium and calcium" (instead of limit of "barium").

ACIDUM LACTICUM.—M.W. 90.08 (instead of 90.05). Doses omitted.

Acidum Mandelicum. — Monograph rearranged from Addendum IV. Test for limit of chlorinated compounds is that of Addendum VI (now given under "Acidum Benzoicum").

Acidum Nicotinicum. — Monograph rearranged from Addendum IV. Limit tests for chlorides and sulphates omitted. Doses denoted as prophylactic (gr. $\frac{1}{4}$ to $\frac{1}{2}$) and therapeutic (gr. $\frac{3}{4}$ to 4).

ACIDUM NITRICUM.—Strength: 70 per cent. w/w (unchanged). Limit test for sulphates modified by adding sodium bicarbonate before evaporation to dryness.

ACIDUM OLEICUM.—Test for stearic acid and congealing point (on *dried* substance) specified in greater detail. Doses omitted.

ACIDUM PHOSPHORICUM. — Strength: 89 per cent. w/w (unchanged). M.W. 98.00 (instead of 98.04).

ACIDUM PHOSPHORICUM DILUTUM. — Strength: 10 per cent. (unchanged).

Acidum Ricinoleicum. — Monograph rearranged from Addendum VI. An ingredient of liquor chloroxylenolis.

ACIDUM SALICYLICUM.—M.W. 138.1. Graphic formula given. Doses omitted.

[*Acidum Sulphuricum.* — Relegated to Appendix I, p. 685 (i.e., as reagent), which specifies six other strengths

(Fuming, 85 per cent., 80 per cent., 60 per cent., 50 per cent., 14 per cent. and dilute), and includes nitrogen-free sulphuric acid in two strengths (96 per cent. w/w and 50 per cent. v/v].

[*Acidum Sulphuricum Dilutum.* — Relegated to Appendix I, p. 685.]

ACIDUM TANNICUM.—Doses omitted. Note added that aqueous solutions decompose on keeping.

ACIDUM TARTARICUM.—Formula given as full-length chain. M.W. 150.1. Description extended by addition of words "Solution in water is dextro-rotatory." Lead limit reduced to ten parts per million.

ACIDUM TRICHLORACETICUM. — Melting point specified as 55° to 57° (instead of about 55°).

ACONITUM. — Contains not less than 0.5 per cent. of alkaloids of aconite (assay process added). Description gives macroscopical and microscopical features separately. Limits given for aerial stem (5 per cent.) and for acid-insoluble ash (1 per cent.).

Aconiti Pulvis.—Added to monograph on Aconitum. "Diagnostic structures" are detailed.

ACRIFLAVINA.—Monograph included from Addendum I, with content of total acridines given as 95 per cent. (assay added). Doses, which were added in Addendum I, are again omitted.

ADEPS.—Synonyms (Adeps Præparatus and Prepared Lard) omitted. Addendum I test for chlorides included. Reference to use in India of suet is omitted.

ADEPS BENZOINATUS.—Siam Benzoin, 20 gm., replaces "Benzoin, 30 grammes." Digestion temperature increased to about 65° (from 60°). Reference to use in India of suet is omitted.

ADEPS LANÆ.—Addendum I limit test for chlorides is included.

ADEPS LANÆ HYDROSUS. — Requirement for "non-volatile matter" given as 7 to 7.5 gm. from 10 gm. (instead of not less than 7 gm.).

ADRENALINA.—"Caution" notice included from Addendum I. M.W. 183.2. Graphic formula given.

AETHANOLAMINA.—A new monograph for β-aminoethanol ($NH_2CH_2CH_2OH$). M.W. 61.08. Contains not less than 96.0 per cent. w/w of C_2H_7ON. Description: A clear, colourless or pale yellow liquid; odourless; volatile in steam. Particulars include: Freezing-point, 9.5° to 10.5°; refractive index (at 20°), 1.453 to 1.459; weight per mil (at 20°), 1.014 to 1.024. Assay: By titrating excess of sulphuric acid with N/1 sodium hydroxide, using methyl red as indicator. Each mil of N/1 sulphuric acid is equivalent to 0.06108 gm. C_2H_7ON.

AETHER ANÆSTHETICUS. — Synonym: Ether (instead of Æther Purificatus and Purified Ether, which are omitted). $(C_2H_5)_2O$ M.W. 74.12. Anæsthetic ether is purified diethyl ether, to which may be added a suitable stabiliser in a proportion not greater than 0.002 per cent. w/v. Acetone and aldehyde test modified. Non-volatile matter not to exceed 1 mgm. from 50 mils.

AETHER SOLVENS.—The new title for the "Aether" of the 1932 B.P. Synonym: Ethyl Oxide. Solvent Ether is diethyl ether. Complies with certain requirements given under "Aether Anæstheticus," including Addendum I test for methyl alcohol.

Aether Vinylicus.—$(CH_2:CH)_2O$. M.W. 70.08. Vinyl ether is divinyl ether to which has been added 4 per cent. v/v of deyhdrated alcohol and not more than 0.01 per cent. of phenyl-α-naphthylamine or other stabiliser. Description: A clear, colourless, inflammable liquid, often with a purplish fluorescence; odour, characteristic. Boiling-point, 28° to 31°; weight per mil (at 20°), 0.770 to 0.778. Tests are given for aldehydes and formaldehyde, as well as chlorinated compounds. Storage should be in a well closed container (of not more than 200 mils capacity) in a cool place. Vinyl ether should not be used if original container has been opened for more than forty-eight hours.

Æthisteronum.—Ethisterone. Synonyms: Pregneninolone; Anhydrohydroxyprogesterone; Ethinyltestosterone. It is 17-ethinyl-Δ^4-androsten-17-ol-3-one. M.W. 312.4. A white or creamy white minutely crystalline powder, nearly colourless and tasteless; insoluble in water; soluble in acetone; very sparingly soluble in chloroform and in vegetable oils. M.P., 269° to 275°. Specific rotation, in pyridine solution, 1 per cent. w/v., +28° to +35°. Ultra-violet absorption at 240 μ, not less than 480. Loss on drying at 100°, not more than 0.5 per cent. Ash, not more than 0.5 per cent. Doses, 5 to 25 mgm.; gr. 1/12 to 2/5 daily.

(*To be continued*)

COUNCIL CANDIDATES

Brief biographical details and statements from some of the candidates in the election of seven members to the Pharmaceutical Society's Council, May 19, 1948

EACH candidate was invited to send in for publication a statement of policy not exceeding 200 words.

BEARDSLEY, William James

IT was my privilege to be a member of the Council of the Society for twelve years. During this time I served on several committees, and for ten years was chairman of the War Auxiliary, the Benevolent Fund and, finally, the Law Committee. My experience and endeavours are at the service of all sections of the members of the Society. In maintaining the standard of education necessary for entrants into pharmacy, the profession must be made as attractive and lucrative as possible in order to attract the best type of student. Refresher courses should be introduced. Delegates' meetings should be considered the "Parliament" of pharmacy, the Council taking the place of the "Cabinet." Resolutions agreed and adopted by these meetings should receive the urgent consideration of the Council and the Council should be guided by such resolutions or opinions. The deliberations of Council should be published as fully as possible, and in the case of a division of opinion the names of the members voting for or against important resolutions in reports of the Council should be given, following the practice adopted in reports of Parliamentary divisions.

CARGILL, Thomas Sinclair

FORTY years' experience of pharmacy on the hospital, manufacturing, wholesale and retail sides. Served apprenticeship with the late Mr. P. A. Abel, M.P.S., Inverurie, Aberdeen. Qualified 1915, after studying in Glasgow. For past twenty years manager of a branch of Timothy Whites & Taylors, Ltd., 3 Charles Street, Hull. A member, Joint Industrial Council for Retail Pharmacy. POLICY: My policy will always be for the pharmacist; to enhance his professional and economic status, and to extend greater facilities for the further education of those holding the Chemist and Druggist diploma to enable them to attain the higher qualification. As the great problem today is the shortage of pharmacists, the time is opportune to regulate the so-called unqualified person by the institution of a three or four years' apprenticeship to equip them as technicians or assistants in dispensing. The position of the pharmacist superintendent of corporate bodies likewise needs clarification, as all too frequently the pharmacist and his qualification are only required as a cover for the business ramifications. Should I be elected it will be my duty to further the interests of all practising pharmacists.

DEACON, Walter

QUALIFIED in 1904. Proprietor of a retail pharmacy. A member of Council since 1930, president for three years (1939-41). Chairman of the Society's Publications Committee, chairman (1939-45) of the Central Pharmaceutical War Committee and of the Society's War Aid Committee; member of Statutory Committee and Poisons Board. Chairman, Somerset County Branch; vice-chairman, Somerset County Executive, and chairman of its Finance and General Purposes Committees; chairman, Bridgwater Urban Council's Health Committee, Insurance Committee for Somerset, and pharmaceutical services subcommittee. A justice of the peace for Bridgwater borough and Somerset County. Awarded C.B.E. in 1941 and granted honorary M.Sc. degree, Bristol University, for work in pharmacy. POLICY: It is necessary to consolidate our position under the National Health Service Act and I hope to continue to help nationally. There are grounds for some modifications of the new regulations. My great efforts will be in the direction of adequate recognition of the pharmacists' services. With the progressive steps already planned, together with a united front, I am convinced pharmacy will continue to be an honourable and satisfactory calling.

GILMOUR, John

QUALIFIED 1908 after studying in Edinburgh. National officer, Association of Pharmaceutical Employees (section of Union of Shop, Distributive and Allied Workers); chairman, Retail Pharmacy J.I.C.; secretary, Joint Trade Union Committee, Drug and Fine Chemical Trade; and joint secretary, Soap, Candle and Edible Fat Trades J.I.C.; member of Chemical Trades J.I.C. I have accepted nomination in the general interest of pharmacy, and to give expression to the almost inarticulate voice of the employee-pharmacist. Lack of recognition of the employee-pharmacist in retail service under the N.H.S. Act provisions is, in my opinion, a scandal. Employee-pharmacists, who will be responsible for conducting the overwhelming part of the pharmaceutical service, will have no voice in decisions affecting the daily practice of their professional duties. I will, if elected, regard myself as the employee-pharmacist's mouthpiece. I will give my fullest support to any project of the Pharmaceutical Society that will assist him in the actual conduct of business to establish his authority and to make sure that his employers enable him to give a pharmaceutical service of the best standards.

GRIFFITHS, Edward Trefor

QUALIFIED 1926. Since 1929 chief pharmacist, Cardiff Royal Infirmary, and assistant in Pharmacy, Welsh National School of Medicine. For several years a committee member of Cardiff Branch, Pharmaceutical Society. Chairman, South Wales Branch, Guild of Public Pharmacists. POLICY: Quite simply, my endeavour will be to serve all pharmacists well and faithfully, and to improve the status of pharmacy. For this I am able to use the knowledge gained in twenty-two years of practical pharmacy, as well as first-class experience in administrative duties and considerable committee work. This will be most useful in dealing with the problems which will undoubtedly arise from the working of the National Health Service. Upon these the Council must be ready to give informed and practical advice to pharmacists, and if necessary to extend the services provided by the Society for its members. My retail experience has taught me the value of the shop, and I am convinced that the practical working of the pharmaceutical service will demonstrate that there is no necessity for health centres. Finally I would urge a note of warning. I am convinced that the new Monopoly Bill, if passed in its present form, is likely to be most injurious to pharmacy. Matters such as this need to be carefully watched and strong representations made to the authorities.

HIRST, Harold Maude

QUALIFIED 1916. Until 1932, manager of a Scarborough pharmacy. Had experience as botany teacher and examiner. Went into business on own account 1932. Elected to Society's Council, 1936. Has served on every committee of the Council except Establishment (including the committee of Inquiry). Secretary or chairman of Scarborough Branch for twenty-four years; chairman, N.P.U. Branch; secretary, North Riding (Yorkshire) Pharmaceutical Committee (with a seat on county Executive Council). POLICY: During their lifetime, I enjoyed the friendship of Hugo Wolff, F. G. Hines, Herbert Skinner and Moreton Parry, and I have endeavoured to base my Council conduct on their lines, opposing extravagance and secrecy. Am strong supporter of the N.P.U. and the C.F. scheme. I have watched the interests of the retail chemist and druggist on the Council, but with sixteen years' experience as an employee manager, I know the difficulties of organisation. As I maintain that councillors should not serve after the age of 65, this will be the last time I shall stand for election. I trust my past work will secure me a substantial poll.

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.
VOL. CXLIX MAY 1, 1948 No. 3558

First Impressions of the New B.P.

THE 1948 Pharmacopœia (see *C. & D.*, April 24, p. 517, and pp. 564-65 of this issue) is decidedly more imposing than its predecessors. The character of its contents represents higher standards than have previously been possible, and in particular the makeshifts of the war years have practically disappeared. The bright red and gold cover of the volume has a non-austerity glow that rouses anticipation of improvements within. The increased size and number of pages reflect the profound changes in pharmacopœial requirements in the sixteen years since 1932. The preface states that its preparation "has been a more complex and laborious task than . . . any of its predecessors," and a cursory inspection shows that approximately half of the text is new. The pages (9 in. x 6 in.) total 954, an increase of 192. The subdivision into preface, introduction, general notices, monographs, appendices and index follows that of the 1932 B.P., and the all-important monographs (pp. 13 to 684) begin and end as previously, with "Acacia" and "Zingiber," respectively. Now, however, they total 774, an increase of 187. New monographs (i.e., not in the 1932 B.P. or its seven Addenda) number 155. Another 143 monographs made official by Addenda or Notices are also included, the remaining 479 being retained (with modifications) from the 1932 B.P.

Monographs of the 1932 B.P. and its Addenda that cease to be official next September number 145 and are symptomatic of the changing course of medical treatment. The deletions range from old-time blisters to therapeutic substances added by the Seventh Addendum. Some of the omissions are surprising (e.g., ammoniated tincture of quinine, Easton's syrup, and sulphapyridine), but the substances will no doubt take on officinal (B.P.C.) status in the near future.

Accessibility of Information

The co-ordination of future B.P. standards within a single volume will be welcomed by the drug trade after the "chopping and changing" by Addenda. (Incidentally, of the 145 monographs given in the Addenda, nearly one-third now disappear). The great intrinsic improvement in the 1948 Pharmacopœia is the accessibility of standards provided by a rearrangement of the matter that comprises each monograph. For example, the wording under "Acacia" is virtually identical in the 1932 and 1948 Pharmacopœias, but the three headings of 1932 (Characters, Tests for Purity and Preparations) are replaced by side headings denoting specific requirements as follows:—

- Description
- Solubility
- Identification
- Optical Rotation
- Agar and Tragacanth; Starch and Dextrin; Tannin
  - Agar and Tragacanth
  - Starch and Dextrin
  - Tannin
- Acid-insoluble Ash
- Ash
- Preparation.

The basis is thus provided for summarising succinctly the specific alterations in B.P. requirements. An "at-a-glance" summary of the changes beginning in this issue will be continued as space permits until the whole pharmacopœia has been annotated. The information will both provide much-needed advance information for manufacturers, and also act as a guide to the B.P., 1948, when it becomes available generally. The first series exemplifies, more than words can explain, the character of the revised Pharmacopœia. "Self-sufficiency" is the evident principle upon which the compilers have worked.

The Get-up and the Goods

In plain words, a section "Drugs and Medicines" of the eighth schedule to the Finance Bill No. 2 (see p. 562) releases from tax, from June 1, the drugs and preparations of official and officinal standards and formularies. As the Chancellor indicated recently, advertised proprietaries continue to be chargeable with tax at 33⅓ per cent., but he has implemented, in a way that pharmacists will regard with approval, his promise to see what modifications could be made in the tax on medicines in general so as to lift a burden that has fallen inequitably on the sick.

The exempted medicines are those consisting solely of one or more substances described in the B.P., B.P.C., National (War) Formulary, or "any Formulary approved by the Minister of Health for the purposes of the National Health Service," or the same substances plus an excipient, vehicle, base and/or preservative. The Chancellor has apparently had some difficulty in deciding where, or rather how, to draw the line separating non-proprietary from proprietary medicines. His difficulty in this respect will be well understood by those who have studied similar problems that have arisen in the past—difficulties only finally settled in the courts. Although snags will undoubtedly emerge, the great care that has been exercised to detect and avoid them in advance is apparent in, for example, the detailed list of particulars that are to be permitted on a label in addition to what is obligatory. Acknowledging that forethought, it is still a little unfortunate that it has been found necessary to resort to such a term as "get-up" without a precise definition. In the Finance Bill No. 2, under subsection 21c and Section 22, "reference to get-up includes a reference to marking, labelling, packing or other treatment adopted for identifying goods to the user or customer." What else, if anything, is included?

For the manufacturer, much depends on this "get-up." The same goods may be either tax-free or taxable according to the "marking, labelling, packing" and other treatment of the product. The Bill lays down items that must be included in, and items that must be excluded from, the label before the product becomes tax-free. It also lists, as stated above, items that may be included if the manufacturer or supplier so wishes. One of these is the name and address of the maker but, if he includes them, they must be "in writing not more conspicuous than" the official or officinal title, and not more conspicuous than the reference to the pharmacopœia, codex or formulary, as given on the label. The purpose of this requirement is obviously to block a "get-away" by any manufacturer who might attempt to label a proprietary medicine so as to avoid the levying of purchase tax on his product. Even so, the labelling requirements raise difficulties of interpretation, and in order to give a maximum of assistance to the trade we have submitted a number of borderline cases to the Customs and Excise authorities. For example, earlier editions of the B.P.C. have included a number of toilet preparations. However labelled—and it is possible to label them strictly in accordance with the Schedule—toilet preparations remain taxable under Group 32 of the new Tax Schedule. Moreover, titles and abbreviations must be strictly adhered to. A number of examples of labels, with comments, are given on another page.

Dual Discovery

The isolation (see p. 563) of a potent liver principle, that is reported to be the anti-anæmia factor for which workers have been searching since its existence was postulated twenty-two years ago, marks a significant advance in anæmia therapy. The occasion is remarkable, too, for the fact that two teams, working independently on the same subject, have arrived almost simultaneously at the same answer (if the findings prove to be, in fact, identical). The British team has established that its newly-found compounds are highly active in pernicious anæmia and, unlike folic acid, are also effective in associated neurological disturbances. The beneficial results of treatment, we understand, have been apparent within a fortnight in the cases treated, although the feeling of well-being was immediate. The treatment is not a permanent cure, daily doses being necessary, but the isolation and, later, the identification of the compound will doubtless

provide a valuable step towards discovering the cause of the disease. Meanwhile the well-established liver extracts, which contain the new substances, will continue, with other forms of treatment, to give relief to anæmia sufferers. Commercial production of the purified principle is not yet envisaged.

Three Months' Trade

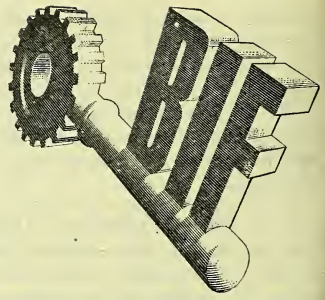
The efforts of the export drive continue to show satisfactory results with the total value of shipments (including re-exports) of all classes of merchandise during March at £127 millions, the highest monthly aggregate reached in the post-war years. Exports in March 1947 totalled £88 millions. Unfortunately, imports during March increased to an even greater extent with landings valued at no less than £178.2 millions, resulting in a big jump in the adverse balance on the month's trade to £51.2 millions, or rather more than £1 per head of the population of the country. For the first three months of this year the international trading account of the U.K. shows a deficit of £119.1 millions, compared with an adverse balance of £96.6 millions in January-March 1947. The value of exports of products of the chemical industry, under the class "Chemicals, drugs, dyes," during March, showed a good recovery at £6.65 millions, compared with £5.7 millions in February. The total shipments for the first quarter of the year were valued at £19.11 millions, compared with £15.27 during January-February 1947, a highly satisfactory performance by an industry whose first task is to meet an ever-increasing demand for supplies for home consumption. The March totals of shipments of drugs, medicines and medical preparations (excluding proprietary medicines) was £1.226 million, with the three-month total at £3.8 millions, compared with £3.27 millions in January-March 1947. The value of proprietary medicines shipped in March was £351,000 and for the three months it was £1,182 million; in both periods there was a slight decline compared with the figures for the corresponding period of 1947. Exports of aspirin amounted to 63,492 lb., valued at £18,788 in March and 133,071 lb. and £35,933 in January-March. Shipments of insulin continue to improve, with the month, and three-month totals at £14,926 and £79,939, respectively. Penicillin is another leading product for which the demand overseas is still far from saturation point. The March figures were 326,857 mega units (£179,373), and the January-March totals were 838,039 mega units (£470,379), compared with 254,230 mega units (£78,329) in the corresponding period of 1947. Ointments and liniments shipments moved up in value during the first three months of this year at £128,827, against £107,173 in January-March, 1947.

The three-months' shipments of perfumed spirits reached a total value of £133,550 compared with £110,631 in January-March 1947. Exports of natural essential oils, probably mostly consisting of re-shipments, remain at a comparatively low level with the total for the three months at £41,000. The exports of toilet soaps continue to improve from the former low levels, with the total for March £67,500 and £175,197 for January-March, compared with £69,740 in the first three months of 1947.

COLONIAL DEVELOPMENT

The annual report of the Imperial Institute, London, S.W.7, for 1947 was presented to the Board of Governors recently by the director. The report shows that an unusually large number of economic inquiries and laboratory tests—pointers to fresh developments—have been made at the Institute on behalf of Empire Governments, industrial research organisations and commercial firms in search of new sources of raw materials. Present economic conditions and the reaction against hard currencies have tended to encourage the development of mineral and agricultural products within the Commonwealth; the tendency is reflected in the report. Much use has been made of the information services of the Institute in conducting the extensive surveys of the resources of the Colonial territories now in hand. In Burma, samples of a newly discovered manganese ore contained 83.95 per cent. of manganese dioxide. The Burma Government was supplied with preliminary advice as to the possible exploitation of certain zinc carbonate deposits, and their use in making zinc oxide.

Short guide to the



ALTHOUGH for the benefit of visitors who suffered from having to carry around the British Industries Fair, 1947, a catalogue weighing about 2 lb., a less weighty catalogue is understood to have been prepared for the B.I.F. 1948, those associated with the drug, chemical and allied industries will probably find even more convenient the concise guide that commences below. Here are given in briefest outline the nature of the goods displayed at the stands of chemical manufacturers, manufacturing chemists, makers of perfumery and cosmetic products, scientific and surgical instrument manufacturers, and exhibitors of a miscellany of other items that are either sold in pharmacies or are used in the businesses of pharmacists, wholesalers or manufacturers within the complex structure commonly referred to as the drug trade. The Fair opens on May 3 and remains open until May 14. The stands at Olympia are this year distinguished by a letter O before the stand No. (e.g. O.E.55). Trade visitors are invited to call at the stand of THE CHEMIST AND DRUGGIST, O.E.55 (Telephone: Renown 5021). At Earls Court are one or two stands that will probably attract drug trade buyers to a section of the Fair mainly devoted to the textile and food industries. At Earls Court it will be possible to see, among other things, how an automatic telephone works. Visitors will be able to dial a number and watch "selectors" searching for and finding an appropriate circuit, so that the call can mature. The engineering and hardware sections are at Birmingham.

Admission

Between 9.30 a.m. and 6 p.m. daily, except on May 5, 8 and 12, admission at the London sections is restricted to trade buyers, who should apply at one of the entrances, producing their trade card, for a trade buyer's badge, price 2s. 6d. The Fair is open to the general public, on payment, on Wednesday, May 5, Saturday, May 8, and Wednesday, May 12.

DRUGS, CHEMICALS AND PROPRIETARIES

Abbott Laboratories, Ltd. O.E. 52

Pentothal rectal (basal anæsthetic), *d*-tubocurarine chloride (in 10-c.c. vials, each c.c. representing 3 mgm. of *d*-tubocurarine chloride pentahydrate), Tridione, Nembudeine tablets (a combination of acetophenetidin, codeine sulphate and Nembutal), Diasone (for the treatment of leprosy), Rutin, Dayamin capsules, Metasilia (laxative, containing 80 per cent. mineral oil with psyllium seed jelly), and Cofron (liver concentrate with copper and iron). Also shown are Pentothal, Nembutal preparations, Metaphen products and Butyn (local anæsthetic). Vitamin preparations shown include brewers' yeast tablets, Pentakaps, Haliver malt and Dical-D wafers.

Acme Chemical Co. O.B. 20

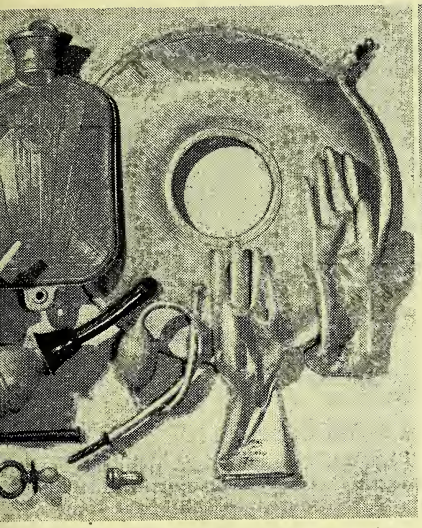
The Acme patent powder blower, which can be operated with one hand, for distributing finely ground powders for horticultural and other purposes; Acme activated DDT powder; and highly concentrated extracts of quassia.

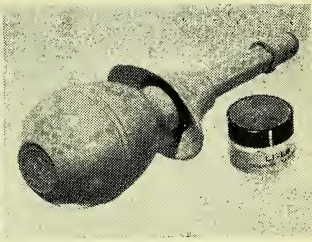
Albright & Wilson, Ltd. O.B. 25

Organic compounds of phosphorus, including hexaethyl tetraphosphate (used for the control of aphides, red spider and citrus mites), and metallic and organic phosphorus compounds (for use as additives in lubricating oils). A feature of the stand is an arrangement of figures in costumes appropriate to their industry and indicating industrial applications of phosphates.

A. Boake, Roberts & Co., Ltd. O.B. 13

Chemicals, including essential and terpeneless oils, cosmetic stearates, perfume essences, emulsifying agents, perfumers' tinctures, etc. The company states that although it is now able to supply some





LEFT: A range of rubber products displayed by J. G. Franklin & Sons, Ltd. CENTRE: The Omega teat and valve (J. G. Ingram & Son, Ltd.). RIGHT: A Li-Lo whirling spray and Li-Lo douche tablets (P. B. Cow & Co., Ltd.).

pharmaceutical chemicals, other items are still, unfortunately, subject to restriction. Representatives at the stand are able to give technical information about the company's products.

Boots Pure Drug Co., Ltd. O.B. 68

The medical display features British anti-lewisite (BAL.), nitrogen mustard and insulin. Veterinary and horticultural products are represented by Phenosan (a phenothiazine preparation for stomach worms in cattle and sheep) and Coppesan (a copper fungicidal for potato blight). Boots No. 7 cosmetics are displayed on a long screen carrying an alternating pattern of plaster hands and red hearts.

British Industrial Solvents, Ltd. O.B. 69

The Bisol range of solvents, plasticisers and chemical intermediates (comprising alcohols, aldehydes, acetals, ketones and esters), including methyl ethyl ketone and methyl isobutyl ketone, methoxy-butanol, and acetoacetanilide, diallyl phthalate and methyl acetoacetate.

British Solvent Oils, Ltd. O.B. 23

BSO/DDT insecticide, a non-greasy and non-staining preparation.

Bugges Insecticides, Ltd. O.B. 37

All types of agricultural, horticultural and domestic insecticides and fungicides. Special prominence is given to new formulations of DDT insecticides.

W. J. Bush & Co., Ltd. O.B. 2 and T. 22

Fre-Flo brand aspirin, mandelic acid, benzyl alcohol, benzyl benzoate, benzoic acid and sodium benzoate, amphetamine, benzaldehyde, benzoyl chloride, cinnamic aldehyde, guaiacols. Butex (esters of para-hydroxy acid), sulphanilamide, terpineol, dyestuff intermediates (including aceto-acetanilide and acetoacetchloranilide), DDT and compounds, English-distilled essential oils, concentrated and terpeneless essential oils. An extensive range of perfume compounds.

Chemi-Synthetics, Ltd. O.B. 33

Pharmaceutical chemicals including benzyl succinate (non-toxic antispasmodic), bromisovalerylurea (sedative), calcium benzyl phthalate (antispasmodic), cyclobarbitone, cyclobarbitone calcium (said to exhibit greater stability and more rapid absorption than cyclobarbitone).

Cutrilin, Ltd. O.B. 22

Enzymes for the pharmaceutical, food, leather and textile industries, including Cutrilin (a synthetic leather bate), Enzyvite (a digestive tonic), Enzygene, and Nujoy and Cortesan (for the feet). Also shown are Ratoids red squill rat biscuits and Ratoids mouse crumbs.

Distillers Co., Ltd. O.B.69

Ethyl alcohol (for methylated spirit), acetic acid, acetone, butanol, etc. An associated company the Distillers Co. (Biochemicals), Ltd., is manufacturing calcium and sodium penicillin.

Duncan, Flockhart & Co. O.E. 26

A comprehensive range of export packs of anæsthetics, and a representative selec-

tion of products of interest to workers in hospitals and the wholesale and retail branches of the drug trade. In addition to chloroform, ether and ethyl chloride, a series of amethocaine preparations on view will include spinal D, regional D, and various surface anæsthetics. Also on show in this section will be Hypule No. 107 of *d*-tubocurarine chloride (Duncan), a muscular relaxant compatible with solution of soluble thiopentone, B.P.

Evans Medical Supplies, Ltd. O.B. 3

A representative range of drugs, chemicals, biologicals and pharmaceuticals of interest to both home and overseas markets including proteolysed liver preparations, Hepovite (an oral amino-acid preparation) and the company's arsenical preparations (Evarsan and Sulpharsan).

The Fullers' Earth Union, Ltd. O.B. 50

Natural fullers' earth for pharmaceutical purposes, for preparation of insecticide dusts, for pencil manufacture and for decolorising oils; activated fullers' earth for decolorising oils (including cod-liver oil) and organic compounds, for vitamin concentration, and for use as a catalyst and catalyst carrier; Fulbent for suspending, emulsifying, thickening and binding (used for suspending insecticides).

Furmoto Chemical Co., Ltd. O.E. 10

Furmoto non-slip floor cream, a new type of floor polish that is guaranteed non-slip (an insurance policy issued by one of the leading British companies accompanies each tin).

General Chemical and Pharmaceutical Co., Ltd. O.B. 55

Examples from a wide range of laboratory chemicals, analytical reagents, acids, electrolytes, etc., including the Judactan series of analytical reagents with details of the actual batch analysis.

Walter Gregory & Co., Ltd. O.B. 17

A range of ointments for veterinary use, Crem udder cream, mineral mixtures for sheep, cattle, pigs and poultry, Flock fly powder.

Edward Gurr, Ltd. O.B. 34A

A comprehensive range of Michrome brand stains and reagents for microscopy, biology, etc., and a series of photographic dyes. To demonstrate the application of the company's products the exhibit includes specimens of malarial parasites and trypanosomes in blood, treated with Michrome stains and reagents, on view under a microscope giving a magnification of approximately 1,500 diameters.

Hornflowa, Ltd. O.B. 6

Beaufert pure hoofmeal fertiliser, scientifically graded and mixed to give a mixture of different particle sizes to ensure a continuous supply of nitrogen to the soil.

Howards & Sons, Ltd. O.B. 47

A special display of lactates, including lactic acid, calcium lactate, calcium sodium lactate, sodium lactate and ethyl lactate, for use in the pharmaceutical and many other industries. A section is devoted to polyacrylate resins.

Hex Supply Co., Ltd. O.E. 75

Page-Barker's scurf and dandruff lotion, claimed "still the leading line in scurf lotions." Scurf pomade, hair tonic and shampoo "snaps" under same name will be on show, together with range of beauty and toilet preparations.

Imperial Chemical Industries, Ltd. O.B. 41

The main exhibit features the British dyestuffs industry, and tells the story of colour from prehistoric times to the present day when the whole range of coal-tar dyes is available. Samples displayed include Caledon jade green, the Duranols, Monastral fast blue, the Carbolan range, and Alcian blue.

Imperial Chemical (Pharmaceuticals), Ltd. O.B. 64

The stand emphasises the part played by members of I.C.I's research organisation in evolving and developing new and better drugs. A coloured representation of the life-cycle of the malaria parasite is part of a feature devoted to Paludrine. Other drugs shown include Sulphamezathine, Lorexane (containing the pure gamma isomer of benzene hexachloride), Tetmosol, Trilene, crystalline penicillin, and phenothiazine.

Kaylene, Ltd. O.B. 18

Pharmaceutical and fine chemicals including magnesium trisilicate, trichloroacetic acid (B.P. and A.R. grades), cinchophen, stannous sulphate (for electro-tinning and barrel-plating, etc.), nitron, camphoric acid and camphorsulphonic acid and their salts, and dimethylglyoxime (pure and A.R. grades).

LEFT: Splentabs lozenges, tablets and pastilles (Splendor, Ltd.). CENTRE: A selection from the range of packed pharmaceuticals displayed by Arthur H. Cox & Co., Ltd. RIGHT: Some of the Tyebrand capsuled products and crushable ampoules of chloroform, etc. (John Tye & Son, Ltd.).

Kemball Bishop & Co., Ltd. O.B. 31

Tartaric acid, citric acid, itaconic acid, cream of tartar, sodium potassium tartrate, calcium gluconate, lithium carbonate, hydroxide, chloride and sulphate, and potassium sulphate.

Laporte Chemicals, Ltd. O.B. 61

The exhibit takes the form of a room in period setting. Special attention is drawn to the company's position as manufacturers of hydrogen peroxide of all strengths, for bulk supply or packed into small bottles through their subsidiary, Genoxide, Ltd. Peroxygen compounds.

Lunevale Products, Ltd. O.B. 19

Organic compounds of mercury, lead arsenate, seed disinfectants, DDT preparations, plant growth regulators and general fungicides. The exhibits show how organo-mercurials for the control of micro-organisms can be adapted to most diverse conditions.

J. F. Macfarlan & Co. O.B. 4

The firm is showing only one or two specimens of its products, but is maintaining a full information service dealing with anæsthetic ether (Keith's), specially purified anæsthetic chloroform, alkaloids of opium, nux vomica, etc., Opoidine (preparation of the total alkaloids of opium), medicinal resins, and extracts.

May & Baker, Ltd. O.B. 62

A representative selection of products for use in industry and in the arts and trades, including aromatic, industrial, photographic, horticultural, pharmaceutical, laboratory, plastic and medical products. Recently introduced products of interest to pharmacists include Amfix ultra-rapid photographic fixer and Grodex seed-germination indicator, Embequin (for the treatment of amœbiasis), Anthisan (an anti-histaminic for the treatment of allergic conditions), and Phytodermine powder and cream (for the treatment of fungal skin infections).

Mond Nickel Co., Ltd. O.B. 10

The exhibit is designed to illustrate the uses of the company's nickel and cobalt products in seven main industries.

Shell Chemical Manufacturing Co., Ltd. O.B. 1

A series of models showing how Teepol wetting, dispersing, penetrating and cleansing agent reduces interfacial and surface tensions, and illustrating its degree of penetration and degreasing action; and suggesting uses in the formulation of cosmetics and as a base material for general cleaning products.

T. & H. Smith, Ltd. O.B. 63

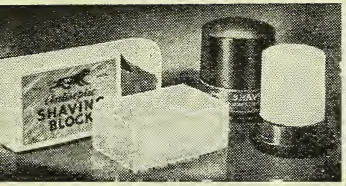
Alkaloids, fine chemicals and pharmaceuticals including aloin, caffeine salts, capsicin, citrates, chloral hydrate, chloroform, ergotin, cascara and male fern extracts, gingerin, magnesium trisilicate, pilocarpine and its salts, jalap and scammony resins, and strychnine and its salts.

Peter Spence & Sons, Ltd. O.B. 67

Alum for use in the paper and dyeing industries, aluminium sulphate, Alluminoferric (a coagulating agent in water purification, etc.), Neosyl amorphous silica and titanium salts.

John & E. Sturge, Ltd. O.B. 7

Main products, precipitated calcium carbonate and citric acid. The calcium carbonate section displays a mural symbolising the chemical conversion of limestone.



LEFT: Shaving blocks manufactured by D. F. Penn, Ltd. **CENTRE:** The Culmak Junior shaving brush (Culmak, Ltd.). **RIGHT:** Sleepyland feeding bottles and Jaynox eye droppers and medicine droppers (John Knox (Stoke-on-Trent), Ltd.).

John Tye, Ltd. **O.E. 104**

Tyebrand proprietary capsules of halibut and cod-liver oils, castor oil, liquid paraffin, etc.; Tyevite multivitamin capsule; capsules of ext. filicis, emetine bismuth iodide, hexylresorcinol, etc., for export buyers; crushable glass capsules.

Thomas Tyrer & Co., Ltd. **O.B. 15**

Technical and pharmaceutical chemicals including bismuth salts, citrates, scale preparations, hypophosphites, minor iodides.

Ward, Blenkinsop & Co., Ltd. **O.B. 66**

Antiseptics, pigments, preservatives and chemicals for many industrial purposes, including Fixtan phenyl mercury, Septotan and Fibrotan. Also shown are chemicals for fruit spraying and seed dressing, and plant hormones and vitamins, etc.

Watford Chemical Co., Ltd. **O.B. 11**

A complete range of emulsifiers based mainly on esters of fatty acids under the trade names Promulsin and Estax. A preservative and anti-oxidant based on a benzoic acid derivative.

Whiffen & Sons, Ltd. **O.B. 58**

A wide range of chemicals, including bromides, iodides, bromates; alkaloids, including emetine, Hulle brand strychnine, caffeine, theobromine and theophylline. Also shown are organic iodides and bromides including bromoform; essential oils.

COSMETICS, SUNDRIES, CHEMISTS' SUPPLIES

Abietsan Manufacturing Co., Ltd. **O.E. 3**

Flaromo brand toilet waters and bath salts in containers decorated by freehand artists. Among new items this year are Devon violets in pottery jars; new bath-salts and talcum-powder packs.

Anglo-Dutch Pharmaceutical Co., Ltd. **O.E. 33**

Anne Tudor Devon violets in decorated old-English pottery jars. Witchcraft perfume at new reduced prices. Piquante and Debutante perfumes.

P. B. Cow & Co., Ltd. **O.E. 41**

Domestic, surgical and industrial rubber products; range of technical rubber mouldings; Cow rubber solution; Li-Lolastic sheeting; Diplomat hot-water bottle and new whirling spray. The company's London Moulders' section is exhibiting fancy goods at Earls Court.

C. Draper & Co., Ltd. **O.E. 28**

Hiolite anti-dandruff hair preparations (featured for first time), including liquid shampoo, tonic brilliantine, hair stimulant and cream-oil, all containing a natural oil claimed efficacious in the treatment of hair and scalp affections.

J. C. Eno, Ltd. **O.E. 49**

Eno's Fruit Salt, Dinneford's fluid magnesia, Serocalcin tablets (for treatment of common cold), Thermogene medicated wadding and medicated rub, Caleno (stabilised calcium aspirin, soluble in water), and New-skin antiseptic waterproof coating.

Evanol, Ltd. **O.E. 8**

Evanol brand liquid Egyptian henna "brighteners" for copper or golden blonde hair. Evanol Simplex shampoo dyes. Demonstrations will be given.

Fenner's Cosmetics **O.E. 34**

A new indelible lipstick and range of beauty preparations.

J. G. Franklin & Sons, Ltd. **O.E. 56**

Hot-water bottles, surgical gloves, air cushions, air and water beds, teats, soothers, syringes, whirling sprays, enemas, spray-bellows, and a variety of surgical appliances.

William Freeman & Co., Ltd. O.E. 44

Full range of the company's Suba Seal afety hot-water bottles in new designs and olours (incorporating an all-rubber closure onsisting of a perfectly fitting rubber plug overed by a rubber skirt). Suba Seal clo- ures for a variety of industrial purposes.

General Surgical Co., Ltd. O.C. 81

Record syringes from 1-100 c.c. The ypes of syringe will include hæmor- hoidal, Janet's wound, veterinary and pecial syringes. Blood-pressure apparatus nd stethoscopes will also be on show.

. G. Ingram & Son, Ltd. O.E. 42

A number of attractive designs of seam- ess enemas; the Atalanta circular air- ushion in nine sizes; two types of hot- vater bottle (hand-made reinforced fabric nd patent seam types); babies' feeding- ottle teats.

sopad, Ltd. O.C. 14

New model Isoblanket of patented resis- ance wire, interwoven with fibreglass and ther tissues, claimed to be the first British- nade full-sized blanket fitted with a bed- ide heat regulator.

eyes' Laboratories, Ltd. O.E. 82

Streph antiseptic for medical and per- onal use, claimed to be three times as conomical in use as liq. chloroxylenolis or iq. cresolis saponatus. Suleo DDT hair mulsion, for eradicating head lice in one reatment.

ohn Knox (Stoke-on-Trent), Ltd. O.E. 91

Sleepyland feeding bottle, boat-shaped nd upright models, each individually packed in attractive green, black, and white carton and complete with teat and valve, or with teat.

..A.C. Manufacturing Co., Ltd. O.E. 89

Travlettes washing leaflets (specially reated leaves impregnated with deter- gent) in three forms.

Lorimer-Marshall, Ltd. O.E. 92

Mitchola series cosmetic preparations, ncluding three-coloured tin of talcum powder containing approximately 14 oz. of talcum powder scented in any desired per- fume and tinted white or pale pink.

Lucogen (Emulsion) Co., Ltd. O.E. 100

A moth-repellent in novelty caskets; a modern dry-method egg preservative; a skin cream and powder base.

Peter Lunt & Co., Ltd. O.E. 88

Toilet, household hard and soft soaps, soap powder and candles, Little Peter household polishes in newly designed container, Movie universal cleaner paste, and Powderclene. It is hoped that a new couponless detergent Dispa, for washing delicate fabrics, will be ready in time to be shown. An associated company, Enolin (1926), Ltd., will be showing a range of toilet requisites.

Leslie Marks & Co., Ltd. O.E. 85

Natural sponges for all toilet purposes. A special exhibit is being made of the Marksman-de-luxe tinted sponge, designed to tone with the bathroom, and available in green, coral and apricot shades. Each sponge in the series is individually packed in a transparent container. A new Marksman brand hot-water bottle will be on show for the first time.

Nita Puff Co. O.E. 33

Nita Lamsilk powder puff, a washable powder puff with a silky lustre, packed in a carton with transparent "window."

North British Rubber Co., Ltd. O.E. 39

A colourful range of North British brand hot-water bottles in a cream, red and blue setting with an equally colourful floor covering to the stand. Air cushions, water beds, folding baths and a new type of air ring: the Nurest, designed for patients likely to be confined to bed for long periods.

Navano Preparations, Ltd. O.E. 77

Navano foot preparations, comprising ointments, powders and lotions.

Old World Crafts O.E. 30

Pomanders, pot pourri, sachets and perfumery products; Frozander mentholate solid anti-midge lavender.

Osborne, Garrett & Co., Ltd. O.E. 79 and 81

Displays under three headings: Perfumery, cosmetics and hair preparations; cutlery, postiche, permanent waving; and fittings and combs. Items in the first section include Estolan hair-conditioning cream; Haldon's toilet accessories (a newly packed range comprising spirit and thick setting lotions, bay rum, brilliantine, violet oil, macassar oil) and Dermacool after-shave lotion and lime cream and glycerin hair cream (both new packs); Decker's hair products; Ketka series of toilet preparations.

Paines & Byrne, Ltd. O.E. 38

Pabyrn preparations for the treatment of the anæmias, including Antinemin, Fercuman, liquid liver, Parenamps, proteolysed liver, vitaminised liver-extract capsules. Pabyrn pharmaceuticals.

D. F. Penn, Ltd. O.E. 77

655 brand "true crystal" alum block in individual carton or round plastic case.

Picot, Ltd. O.E. 36

Modèle de luxe crystal cut glass hand polished flacon in casket of white, superimposed with gold and lined with white quilted silk. All the company's perfumes are available in sizes ranging from miniature ($\frac{1}{16}$ oz.) to 2 oz. in the medium to high-class price range.

Portslade By-product Co., Ltd. O.E. 107

Manufactured items in rubber. Consectrol insecticide, based on benzene hexachloride, and Octrol concentrated bactericide and fungicide.

Potter & Moore, Ltd. O.E. 1

Mitcham lavender water in a range of attractively presented modern bottles. Powder-cream, blush cream, face powder, lipstick, talcum powder, cold cream, bath salts, liquid and solidified brilliantine, and smelling salts. Potter & Moore's eau de Cologne in containers of new design. A newly created perfume, Mystique. Products of Dearborn (1923), Ltd.

Promedico Products, Ltd. O.E. 7

Promol moth rings, moth crystals, No-escape insect powder, Promella water softener, Lavandin water-softening tablets, Profol solid-fuel cookers, borated dusting powders, Redux herbal tea, Procol medicated pine essence, calamine lotion.

Reliance Rubber Co., Ltd. O.E. 57

A large range of seamless moulded rubber hot-water bottles in many designs and colours; high-grade moulded rubber articles including flat and round type bathing-caps, sponge bags, branded feeding-bottle teats, serum caps.

Scottish Perfumes, Ltd. O.E. 23

Perfumes of Scotland including Heath ("a perfume to wear with your tweeds"); White Heather, displayed for the first time; a range of floral odours; "sophisticated" perfumes, and the company's latest perfume, White Satin.

Rozalex, Ltd. O.D. 706

Rozalex barrier preparations, which are available to industrial concerns where processes constitute a dermatitis risk, and the Rex dispenser, for distributing Rozalex.

Frank Sammeroff, Ltd. O.E. 96

Antiseptic surgical adhesive dressings (finger and wound), surgical dressings (bandages, lint, cotton wool). First aid outfits. A range of surgical sundries.

Skuse & Co., Ltd. O.E. 78

Toilet, medicinal and dental preparations totalling approximately one hundred items. Attention is drawn to Dusk perfume, "a high-class perfume in the medium price range" in trial and $\frac{1}{4}$-oz. sizes. A large range of medicinals.

Jean Sorelle, Ltd. O.E. 7

A range of toilet preparations, including pine-needle bath crystals in "silver" decorated tins; brilliantine (jasmine or violet) in 2 oz., 4 oz. and $6\frac{1}{2}$ oz. bottles; lavender water, eau de Cologne, hair cream, talc poudre-de-luxe, bunches of grapes bath salts.

Splendor Ltd.
Splendor Export (England), Ltd. O.E. 66

A range of chemists' supplies and proprietary articles, including Optulin eye-lotion, Edwards Nestor's hair pomade, Propax tablets and Splendor foot aids; every type of teat, valve and soother; hot-water bottles and rubber gloves in assorted mouldings; proprietary items for which the company are sole distributors.

Veedip, Ltd. O.E. 76 and O.E. 83

The Veedip brand latex surgical sundries including surgeons' gloves, post-mortem and obstetric gloves, etc.

Velvet Crepe Paper Co., Ltd.
O.E. 97 and O.M. 119

In the chemists' supplies section of the Fair, Velena soluble sanitary towel, manufactured in the company's own factory. In the stationery section upstairs Velvex toilet tissues, Velpak paper handkerchief and paper towel, Veltis toilet roll (some of the products are available for export only).

W. & F. Walker, Ltd. O.E. 87

Walker's Blockettes; Rotosan automatic air-purifier in plastic and new aluminium container designed primarily for the home and available in a range of pastel shades; Sanipan lavatory crystals.

SCIENTIFIC INSTRUMENTS, CAMERAS, ETC.

Allen & Hanburys, Ltd. O.C. 31

The company will display surgical equipment, including an improved dermatome which has been evolved in collaboration with Sir Archibald McIndoe, C.B.E.

Allen & Hanburys (Acoustic Aids), Ltd. O.C. 27

The company's latest range of hearing aids of high quality, designed to meet the requirements of every deaf person.

Baird & Tatlock (London), Ltd. O.C. 32

A Warburg apparatus for the examination of living tissue is to be the chief feature on the company's stand.

Boyd-Norman Manufacturing Co., Ltd. O.C. 16

Machines suitable for research work in paints, chemical products, cosmetics, etc., including the company's Minimill twin roll mill series.

British Rototherm Co., Ltd. O.C. 88

A range of bi-metallic dial-type thermometers for industrial and domestic use.

Chance Bros., Ltd. R.15 (Earls Court)

Optical glass in the form of plates, discs, prism blanks and lens mouldings. Hysil laboratory glassware which is modelled in a borosilicate glass with a low coefficient of expansion.

Dufay-Chromex, Ltd. O.C. 109 & Q. 57

At Olympia, photographic products, including Dufaycolor transparencies, Dufaytissue prints, Dufay-Tricolour. At the company's stand at Earls Court will be exhibited Dufay-Tubophane packagings.

W. Edwards & Co. (London), Ltd. O.C. 38

The company's exhibits include rotary pumps, diffusion pumps, gauges, etc.

Glastics, Ltd. R. 30 (Earls Court)

Glass articles manufactured by the Trent Valley Glassworks, Ltd., Hatton, Derbys, for whom Messrs. Glastics are sole selling agents.

R. F. Hunter, Ltd. O.C. 111

The company will show the Mega-Flash high-speed electronic outfit which enables up to 30,000 flashes to be made from a single bulb. Enlargers, lighting units, etc.

Kershaw-Soho (Sales), Ltd. O.C. 29

The company is showing a range of Curlew and Peregrine cameras.

Kodak, Ltd. O.C. 122

Among the company's exhibits will be the Six-20 Kodak A precision-made folding camera for $2\frac{1}{4}$ in. x $3\frac{1}{4}$ in. pictures, a Six-20 folding Brownie camera with single movement opening and closing action, disc winding key, cover for red film-inspection window, and tripod bush for upright pictures. Six-20 Brownies models C, D and E, all-metal electrically welded box-form cameras for beginners. Brownie reflex, a twin-lens reflex camera of moulded plastic taking twelve 4 x 4 cm. pictures on Kodak No. 127 film.

Perihel, Ltd. O.C. 102A

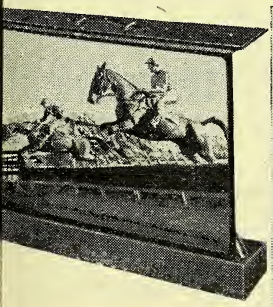
The company's new range of sun-ray appliances. They are fitted with the Perihel tubular ultra-violet generator.

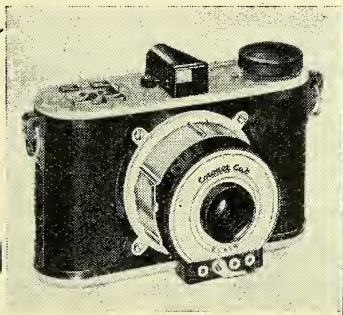
Scholl Manufacturing Co., Ltd. O.C. 73, 81

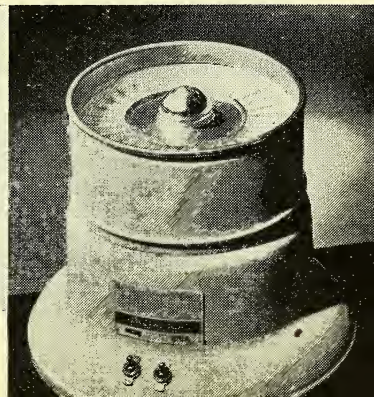
Surgical instruments; aseptic furniture.

G. H. Zeal, Ltd. O.C. 54

Thermometers for scientific, medical and household purposes.







LEFT: The Celfix portable cine-projection screen made by R. F. Hunter, Ltd. CENTRE: The Coronet Cub camera (Dufay-Chromex, Ltd.). RIGHT: Spiral film dryer for 35 mm. films (Kodak, Ltd.).

MISCELLANEOUS

British Celanese, Ltd. **Q. 28**

A comprehensive range of raw materials and end-uses illustrating the versatility of Celanese cellulose-acetate plastics.

Dohm, Ltd. **O.B. 26**

Primarily grinding, pulverising, grading, mixing machinery.

Gardner Co. (London), Ltd. **O.E. 93**

A full range of the Atomist medical throat and nasal sprays.

Gelatin Products, Ltd. **O.E. 50**

A range of flexible gelatin capsules, tubes and containers manufactured by the company's special rotary-die process.

Manesty Machines, Ltd. **O.E. 99**

A comprehensive range of tablet making plant and automatic water stills. Rotorgran oscillating granulator coating pans and new gas and electrically heated stills.

Mayborn Products, Ltd. **O.E. 95**

Dylon dyes, a "revolutionary" type of fabric dye for universal household use.

Metal Box Co., Ltd. **O.E. 22**

Open-top cans and metal containers, metal caps and cork closures, paper and metal showcards, labels and cartons.

William Sessions, Ltd. **O.E. 102**

A full range of labels and wrappers, cartons and containers, showcards and set pieces, window and counter displays, for perfumery, cosmetics and toiletries.

Tintex Dyes, Ltd. **O.E. 64**

A range of home dyes in twenty-eight colours, including all new shades.

GUIDE TO NEW MEDICAMENTS

Information—in a form convenient for mounting on record cards for permanent card-index systems — about new proprietary medicaments supplied principally on a prescription. Their mention in these columns does not imply Editorial recommendation. A limited number of reprints will be made available to subscribers on application.

PROTHRICIN

MANUFACTURER: Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION AND FORMULA: An isotonic, buffered solution, containing:—
Tyrothricin, 0.02 per cent.
dl-phenyl-1-amino-2-propanol hydrochloride (Propadrin hydrochloride), 1.50 per cent.

INDICATIONS: Catarrhal rhinitis, sinusitis, ethmoiditis.

USE: As nasal drops or spray at intervals of 15-30 minutes during the early stage of acute infections. Later the frequency of application of the solution may conveniently be reduced.

HOW SUPPLIED: Bottles of 1 fl. oz. with dropper.

METHERGIN

MANUFACTURER: Sandoz Products, Ltd., 134 Wigmore Street, London, W.1.

DESCRIPTION: Methylergometrine tartrate (d-lysergic acid-n-butanol-2-amide ($C_{20}H_{25}O_2N_3$) as tartrate), in solution, for oral administration (0.25 mgm. in 1 mil), or in ampoules.

INDICATIONS: Uterine hæmorrhages, especially those due to post-partum atony, lochiometra, endometritis, incomplete abortion, Cæsarean section. It is contraindicated before the birth of a child.

DOSAGE: 15 to 30 drops of oral solution daily. 0.5-1 mil, by injection, repeated if necessary, and followed by oral administration in post-partum hæmorrhage.

HOW SUPPLIED: Oral solution in bottles of 10 mils. Boxes of three, six, fifty and 100 1-c.c. ampoules, each containing 0.2 mgm.

NOTES: The compound possesses a similar uterine action to that of ergometrine, but it is more prolonged, and the fundus of the uterus becomes firmer.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, April 28

BUSINESS in PHARMACEUTICAL and FINE CHEMICALS in the home market has shown little improvement during the past week. The trade will welcome the proposals for the relaxations of purchase tax on a wide range of drugs and medicines, afforded by the provisions of the Finance Bill (see p. 562), which may go a long way to remove the prevailing feeling of uncertainty. Announcements of price changes have included reductions in the rates for QUININE ALKALOID and SALTS. The Ministry of Food announces that prices of CITRIC and TARTARIC ACIDS are no longer controlled; a new Order (S.I. 1948, No. 808), revoking previous Orders controlling these products, came into operation on April 21.

Although export inquiry for CRUDE DRUGS has been more apparent the lack of the necessary currencies still restricts the volume of business being transacted. Home trade demand has been slight and the markets have again shown an easier trend. CAPE ALOES has been reduced in price by 5s. per cwt. GAMBOGE and GENTIAN are also offered at lower prices. GUM ARABIC remains firm but rather lower prices are asked for the best quality TRAGACANTH. Lower quotations are given for QUINCE SEEDS. Prices of Indian SEEDS are maintained. Business in SENEGA is slow with spot offers at 11s. per lb. WAXES are quiet with prices little changed on the week.

The ESSENTIAL OILS trade is experiencing rather quiet conditions. Prices of most oils are fairly steady although the undertone of the market is easier. During the past week quotations have been shaded for CINNAMON OIL (B.P.) and for LAVANDIN and LAVENDER. The Ministry of Food announces that no change will be made in the prices of REFINED OILS allocated to primary wholesalers and large trade users during the eight-week period ending June 19.

U.S. Drug and Chemical Report

New York, April 23

THE majority of FINE CHEMICALS are meeting with a reasonably good demand. Makers explain that the call for goods is far below the volume noted immediately following the war, but is still somewhat above what is regarded as a "normal" business. Competitive conditions are still prevailing in TARTRATES, with the price of foreign products several cents per lb. below domestic material.

Activity on the CRUDE DRUGS market continues on a very small scale, despite repeated warnings that domestic labour difficulties and conditions abroad do not indicate cheaper produce in the months ahead. Reports on the new CASCARA SAGRADA crop are unfavourable, the main problem being shortage of labour. The Food and Drug Administration is still detaining sizeable crude drug, spice, etc., shipments. Recent detentions included 300 bags of CARAWAY SEED, 100 bags of CORIANDER SEED, 280 bags of BLACK PEPPER and more than 2,000 bags of SESAME SEED. Although the major COD-LIVER OIL season has ended, prices here are firm and dealers are watching the situation in Norway which is understood to have increased shipments to European countries despite a reduction in output last season. There is a feeling on the market that MERCURY may firm up in the near future; the metal continues very inactive with reports that receipts from abroad this month will be 10,000 flasks.

Quiet conditions prevailed on the ESSENTIAL OIL markets over the past week with no notable improvement in demand. Of interest was a 10 cent advance in the price of GINGER OIL to $6.85 per lb. on the inside, reflecting higher spice costs.

Pharmaceutical Chemicals

ACETANILIDE. — Makers' quotations for 1-cwt. lots in kegs are 2s. 6d. per lb. for crystals and 2s. 7d. per lb. for powder.

α-BROMOISOVALERYLUREA. — Quotations are 40s. to 48s. per lb., as to quantity.

CALCIUM GLUCONATE. — Makers' quotations are at 3s. 1d. per lb. for 1-cwt. lots.

CHLORAL HYDRATE.—New rates per lb., for the home trade, are as follows: 1-cwt. lots, 4s.; 56-lb., 4s. 2d.; 28-lb., 4s. 4d.; 14-lb., 4s. 6d.; 7-lb., 4s. 9d.

CRESOL.—Controlled price of B.P. quality from distillers is 4s. 6d. per gall., ex sellers' premises.

CYCLOBARBITONE.—Makers have reduced prices. For 200 kilos and over, 180s. per kilo is asked, and 190s. for 50-kilo lots. The CALCIUM derivative is available at the same prices.

MAGNESIUM CARBONATE (B.P. LEVIS).—Current rates per lb. in the home trade are as follows (containers in brackets): 28 lb. to 1 cwt., 1s. 6d. (1-lb.); 1s. 5d. (2-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.) per lb. Bulk quantities range from 94s. to 99s. per cwt. as to quantity, carriage paid.

MAGNESIUM CARBONATE (B.P. POND.).—Current rates per lb. in the home trade are as follows (containers in brackets): 28 lb. to 1 cwt., 1s. 9d. (1-lb.); 1s. 8d. (2-lb.); 1s. 7½d. (4-lb.); 1s. 6½d. (7-lb.); 1s. 6d. (14-lb.); 1s. 5d. (28-lb.) per lb. Bulk quantities range from 121s. to 131s. per cwt. as to quantity, in 28-lb. packages, carriage paid.

MAGNESIUM TRISILICATE (B.P.).—Prices (per lb.) in the home trade are unchanged. Containers in brackets. 28 lb. to 1 cwt., 4s. 4d. (1-lb.); 4s. 3d. (2-lb.); 4s. 2½d. (4-lb.); 4s. 1½d. (7-lb.); 4s. 1d. (14-lb.); 4s. (28-lb.) per lb. Bulk quantities range from 3s. 2d. to 3s. 4d. per lb. in 28-lb. packages, as to quantity, carriage paid.

MORPHINE.—Prices per oz. current in the home market are: ALKALOID, ½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE, ½ oz., 46s. 9d.; 1 oz., 44s. 3d.; 2 oz., 42s. 9d.; 3 oz., 42s.; 4 oz., 41s. 9d; BIMECONATE and TARTRATE, as ALKALOID; ACETATE, HYDROBROMIDE and SULPHATE, as HYDROCHLORIDE.

PARALDEHYDE.—Rates for B.P. material are as follows: 5 carboys, 1s. 5d. per lb.; 1 carboy, 1s. 6d.; 24 winchesters, 1s. 7½d.; 17, 1s. 8½d.; 6, 1s. 10d.; 3, 1s. 11d. per lb.

POTASSIUM PERMANGANATE. — Makers' rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms, net, carriage paid to nearest station (or port of departure for Northern Ireland), containers extra and returnable.

QUININE.—Makers have announced lower prices, with effect from April 26. New rates (per oz.) to distributors are given below; additional charges must be added for repacking, etc. ALKALOID, from 5s. to 5s. 6d.; ACETYLSALICYLATE, 6s. to 6s. 6d.; BISULPHATE and SULPHATE, 3s. 7d. to 4s. 1d.; DIHYDROBROMIDE and DIHYDROCHLORIDE, 4s. 11d. to 5s. 5d.; FORMATE, 5s. 9d. to 6s. 3d.; GLYCEROPHOSPHATE and PHOSPHATE, 5s. 5d. to 5s. 11d.; HYDROBROMIDE and HYDROCHLORIDE, 4s. 6d. to 5s.; SALICYLATE, 4s. 8d. to 5s. 2d. QUININE AND UREA HYDROCHLORIDE is quoted from 4s. 10d. to 5s. 4d.

SILVER SALTS.—NITRATE is quoted at 2s. 9d. per oz. and PROTEINATE at 30s. 6d. per lb. Quotations for VITELLINATE are 55s. per lb. for 20 per cent. and 72s. 6d. for 30 per cent. COLLOIDAL SILVER is priced at 120s. to 130s. per lb.

ZINC SALTS.—Prices per lb. are as follows: ACETATE, B.P.C., 3s. 9d. to 4s. 1d.; CARBONATE, B.P.C., 1s. 11d. to 2s. 5d.; CHLORIDE, B.P. (white), fused, 3s. 4d. to 3s. 8d., stick, 4s. 4d. to 4s. 8d.; IODIDE, B.P.C., 18s. 9d.; OXIDE, B.P., 11d. to 1s. 2½d., prepared from carbonate, 5s. 6d. to 6s.; PERMANGANATE, B.P.C., 9s.; SULPHATE, B.P., 44s. 6d. per cwt.; powdered, 51s. 6d. to 65s. 6d. per cwt.; exsiccated, 10d. to 1s. 1½d. per lb. The above price ranges are according to quantity.

Crude Drugs

AGAR.—No. 1 quality strip on the spot is maintained at 19s. to 19s. 6d. per lb.; lower grades are offering at 17s. 9d. to 18s. 6d. A good export inquiry has been received.

ALOES.—Cape, on the spot, is offered at 145s. to 150s.; shipment offers are at 138s. to 140s., c.i.f. Curaçao in boxes is offered at 210s. to 230s., spot; forward, 200s. per cwt., c.i.f. Socotrine on the spot is quoted at 156s. to 190s. per cwt.

ANISE (STAR).—Attracting more interest; quotations are from 120s. to 130s. per cwt., spot; shipment, 117s. 6d., c.i.f.

ARECA NUTS.—Ceylon on the spot is quoted at 67s. 6d. per cwt.

BALSAMS.—Canada is offering at 18s. 6d. per lb., spot. Pará *Copaiba*, spot, 5s. per lb. for soluble. *Peru*, San Salvador, on the spot, is offering at 5s. 6d. to 5s. 9d. per lb., duty paid. *Tolu*, 18s. 6d. per lb., spot.

BENZOIN.—Supplies of Sumatra almondy block on the spot are offering at prices from £15 to £17 per cwt., as to quality. Sumatra free almonds are quoted at £80 per cwt.; Siam almonds, at 30s. per lb.

BUCHU. — B.P. leaves, old-crop, quoted from 4s. 2d. to 4s. 3d. per lb., spot; new-crop, now afloat, is offering at 3s. 11d.; for shipment, 3s. 8d., c.i.f. Old-crop ovals are available on the spot at 3s. 9d. to 4s. per lb.

CAMPHOR.—Chinese tablets are offered at 9s. 9d. to 10s. 9d. per lb., duty paid; refined powder (B.P.) is quoted at 9s. 3d. to 10s., with B.B. grade at 8s. 6d. to 9s.; crude powder, 7s. 6d.

CANTHARIDES.—Chinese, spot, easier at 9s., duty paid; 6s. 3d. per lb., c.i.f.

CASCARA SAGRADA.—1947 peel on spot is quoted at 265s. per cwt.; 1946 is at 270s. New-crop, for July-August shipment, 245s., c.i.f.; a small peel is expected.

CHAMOMILE FLOWERS.—Belgian, 12s. 6d. per lb., spot; preliminary reports of new-crop (available August) state that supplies will be four-fifths of average output.

DRAGONS BLOOD.—Singapore reboiled No. 1 is at £70 per cwt., spot; No. 2, £35.

GAMBOGE.—Siam pipe on the spot is easier at £50 per cwt., duty paid.

GENTIAN.—French natural on the spot is now available at from 65s. to 67s. 6d. per cwt. The market is again easier.

GINGER. — Firmer. Spot supplies are rather low; Jamaica No. 1 is offered at 115s. per cwt., No. 2 at 105s., and No. 3 at 100s. Sierra Leone is quoted at 62s. 6d., spot.

IPECACUANHA.—Nicaraguan is offered at 27s. per lb., spot; April-May shipment, 22s. 6d., c.i.f.; Colombian root, 25s., spot, and 21s. per lb., c.i.f.

MENTHOL.—Firmer. Brazilian on the spot is quoted at 42s. to 45s. per lb., duty paid, according to seller. Brazil is not offering at present.

PODOPHYLLUM.—Indian is quoted at 330s. per cwt., spot. American (*peltatum*) is available at 3s. 3d. per lb., duty paid.

PYRETHRUM FLOWERS.—From Government stocks, prices are now £145 per ton, ex store, based on a pyrethrin content of 1.3 per cent., with an allowance of 5 per cent. off the selling price for each 0.05 per cent. pyrethrin content below 1.3 per cent. and an addition of 5 per cent. to the selling price for each 0.05 per cent. above 1.3 per cent. A discount of 3 per cent. will be allowed for lots of five tons and over.

QUILLAIA.—Natural bark is quoted at prices from 105s. per cwt., spot.

QUINCE SEEDS.—Cape, on the spot, is quoted at 4s. 6d. to 5s. 3d. per lb.

SEEDS.—The shipment position for Indian seeds remains firm. ANISE.—Cyprus is offered at 1s. 8d. per lb., and Turkish at 1s. 7d. per lb., duty paid, spot London. CARAWAY.—Dutch is quiet and unchanged at 11d. per lb., duty paid, spot London, and 11½d. in Liverpool. CELERY.—Indian is offered at 1s. 3d. per lb., spot London or Liverpool. CORIANDER.—Argentine, spot London, is offered at 45s. per cwt., duty paid, and splits at 35s. per cwt., duty paid, ex store London or Liverpool CUMIN.—Indian is offered at 217s. 6d. per cwt., spot London. The shipment price is now 215s. per cwt., c.i.f. Cyprus has been sold at 215s. per cwt., spot London. DILL.—Indian on the spot in London is quoted at 47s. 6d. per cwt., and 45s. per cwt., ex store Liverpool; for shipment, 44s. per cwt., c.i.f., quoted. FENNEL.—Indian is 72s. 6d. per cwt., spot London, and 71s. 6d. per cwt. ex store Liverpool. FENUGREEK.—Indian, 47s. 6d. to 48s. 6d. per cwt., spot London, and 46s. per cwt., ex store Liverpool; quotations for shipment range from 47s. 6d. to 52s. 6d. per cwt., c.i.f., London.

SENEGA.—A quiet market. Spot is offered at from 11s. to 11s. 3d. per lb.

SHELLAC.—Spot quotations, ex warehouse, are as follows: F.O.T.N., pure, 335s.; Standard No. 1, 345s.; fine orange, 350s. to 390s. per cwt.

WAXES.—Dar-es-Salaam BEES' on spot is offered at 375s. per cwt.; shipment, 350s., c.i.f. Lindi is quoted at 365s. per cwt., spot; Benguela is offering at 365s. per cwt., duty paid, and 330s., in bond; to arrive, 312s. 6d., c.i.f. CANDELILLA.—Supplies on the spot are offered at 390s. per cwt.; future delivery, 385s. CARNAUBA.—Fatty grey, 480s., spot; shipment 420s., c.i.f. Prime yellow is quoted at 790s. per cwt. on spot, and shipment, at 700s., c.i.f. MONTAN.—Reibeck is offered at 310s., and Czechoslovak crude at 210s. per cwt., spot. OURICURI.—6 per cent., on spot, 375s. per cwt. quoted, 5 per cent. shipment, 385s., c.i.f. 1 per cent. on spot is offered at 420s.; shipment, 400s., c.i.f. 2 per cent., spot, 415s.; shipment, 400s., c.i.f. SPERMACETI.—Supplies on the spot are easier at 3s. 3d. per lb.

Essential and Expressed Oils

APRICOT KERNEL.—Quotations are from 7s. 9d. to 10s. per lb.

BAY.—West Indian is offering at 7s. to 8s. 6d. per lb., spot.

CADE.—Prices are from 3s. 9d. to 5s. per lb., according to holder and quantity.

CAMPHOR—White oil on the spot is quoted at 2s. 10d. to 3s. per lb., duty paid.

CINNAMON.—Ceylon bark oil is available at 12s. 6d. per oz.; English-distilled, from 24s. to 40s. per oz.; B.P. oil is at 65s. to 75s. per lb. Leaf oil, spot, is quoted at from 7s. 9d. to 9s. per lb.

CITRONELLA.—Ceylon in drums is offered at 3s. 9d. to 4s. 3d. per lb., spot; shipment, 3s. 3d., c.i.f. Java is nominal at 10s. to 12s. per lb. on the spot; 8s. 3d. in bond; shipment, 7s., c.i.f.

CLOVE.—Quotations for English-distilled bud oil are from 11s. to 12s. per lb.

GUAIACWOOD.—Spot supplies are quoted at 18s. to 20s. per lb.

JUNIPER BERRY.—Imported oil is offered at from 25s. to 30s. per lb.; English distilled is quoted from 35s. to 100s. per lb., according to grade.

LAVANDIN.—Spot quotations are from 9s. 6d. to 11s. 6d. per lb., as to grade.

LAVENDER.—French, 38-40 per cent. is easier at 23s. to 25s. per lb., spot; 40-42 per cent. 25s. to 27s. 6d. Spanish (spike) is steady at 9s. 6d. to 11s. 6d. per lb., spot.

LEMONGRASS.—Spot supplies are offered at 6s. 9d. to 7s. 6d. per lb., according to holder and quantity; forward, 6s., c.i.f.

ROSEMARY.—Spanish is offered at 7s. 6d. to 10s. per lb., according to quantity.

TEASEED.—Prices are from 60s. to 65s. per gall. of 9 lb.

Refined Vegetable Oils

Ministry of Food prices (per ton) of refined oils allocated to primary wholesalers and large trade users during the eight-week period ending June 19 are given in the table below.

Oil	Grade	Price £
Coconut	Refined deodorised ...	112
Coconut	Refined hardened	116
Palmkernel	Deodorised	112
Palmkernel	Hardened deodorised...	116
Cottonseed	Refined deodorised ...	114
Groundnut	Refined deodorised ...	114
Groundnut	Refined hardened, deodorised to 40° ...	118
	deodorised to 50/52°	119
Palm	Refined deodorised ...	111
Palm	Hardened deodorised...	114

The rates are for bulk supplies, naked, ex works. Refined edible cottonseed oil is no longer being manufactured.

TRADE MARKS

(*From "The Trade Marks Journal," April 14*)

"ELGUANITE"; for chemical products used in industry (1). By Elguanite Corporation, 120 Wall Street, New York, U.S.A. 656,488.

"RHEU-PED"; for toilet preparations (not medicated) for the feet (3). By Cabas Chemical Co., Ltd., 14 Broadway, Leigh-on-Sea, Essex. 653,668 (Associated).

Device of world with letters "I.C.C." superimposed; for all goods excluding essential oils (3); for all goods excluding surgical ligatures (5). By International Chemical Co., Ltd., Braydon Road, London, N.16. B655,346-47 (Associated).

"OTARYN" on label device; for preparations containing pine, for the hair (3). By Frederick Charles Robinson, 52 Benomley Crescent, Huddersfield, Yorks. 654,590.

Device of a palmer; for all goods (3). By Ivey Palmer, Ltd., 26A Tooley Street, London, S.E.1. 655,428.

"POMEROY LONDON" and device of dove in flight; for perfumes, non-medicated toilet preparations, cosmetics, sachets for hair waving, soaps and essential oils (3). By F. W. Hampshire & Co., Ltd., Sinfin Lane, Derby. 655,452 (Associated).

"NOCTIL"; for all goods (3). By Rumford Chemical Works, 9 Newman Avenue, Rumford, Rhode Island, U.S.A. 656,422.

"FIRST BLUSH"; for lipstick, rouge and nail varnish (3). By J. & E. Atkinson, Ltd., 24 Old Bond Street, London, W.1. 656,881.

"SHEERINE"; for shampoos (3). By Splendor, Ltd., 5 Beastmarket Hill, Nottingham. 657,019.

"ACCA"; for soaps (3). By Robert Henry Andrews, 1C Cliftonpark Avenue, Belfast, Northern Ireland. 657,535.

"Q'BANA"; for non-medicated toilet preparations, cosmetics and perfumes (3). By Ranelagh Trading Co., Ltd., Warrington Road, Rainhill, Liverpool. 657,538.

"SOLARO"; for solid perfumes (3). By Philippe Larbalestier, 2 Charing Cross, Jersey, Channel Islands. 658,309.

"NIVOL"; for all goods, excluding anæsthetics (5). By May & Baker, Ltd., Dagenham, Essex. 653,076 (Associated).

"GLYCOTHEN"; for pharmaceutical preparations containing glycerin for internal human use (5). By Kamisa Laboratories, Ltd., 31 Fenchurch Street, London, E.C.3. 653,136.

"PHRODISINE"; for pharmaceutical preparations of glandular extracts and vitamins for human use (5). By British Glandular Products, Ltd., 37 Chesham Place, London, S.W.1. 654,374.

"SINGLETON'S EYE OINTMENT" in distinctive lettering; for medicated ointment for the eyes (5). By Stephen Green, Ltd., 210 Lambeth Road, London, S.E.1. 654,999.

"GOJO"; for all goods (5). By Koray, Ltd., 25 Hanover Square, London, W.1. 656,251.

"SECTO"; for insecticides, germicides, and preparations for killing weeds and vermin (5). By Cupal, Ltd., King Street Bridge, Blackburn, Lancs. 656,616 (Associated).

"PUROSAN"; for medicated toilet paper (5). By Pritchards, Ltd., 2 Bulkeley Road, Cheadle, Ches. 657,000 (Associated).

"AMBULIN" "MESMELAN" and "STYCOCIDE"; for pharmaceutical preparations, sanitary substances and disinfectants (5). By Imperial Chemical (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 657,286, 657,289-90.

"UCAPAIN"; for pharmaceutical preparations and substances for use in the alleviation of pain (5). By United Chemists Association, Ltd., High Street, Cheltenham. 657,683 (Associated).

COMING EVENTS

Monday, May 3

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Cornwall Hall, Sevenoaks, at 8 p.m. Address on photography arranged by Ilford, Ltd.

Tuesday, May 4

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Stratford Church Institute, 27 Romford Road, London, E.15, at 8 p.m. Annual meeting.

LEEDS BRANCH, National Pharmaceutical Union, Golden Lion Hotel, Briggate, at 7.30 p.m. Annual meeting.

PORTSMOUTH BRANCH, PHARMACEUTICAL SOCIETY, Miller's Restaurant, 100 Palmerston Road, Southsea, at 7.30 p.m. Annual meeting.

Wednesday, May 5

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Cleveland Scientific Institute, Corporation Road, Middlesbrough, at 6.45 p.m. Dr. Charles L. Elder (medical officer for health for Middlesbrough) on "The National Health Service."

Thursday, May 6

BATH BRANCH, PHARMACEUTICAL SOCIETY, Pump Room, Bath, at 7.15 p.m. Whist drive.

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Pattinson's Café, 56 Old Elvet, Durham, at 7.30 p.m. Annual meeting.

Friday, May 7

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Carpenter's Restaurant, 3 The Pavement, London, S.W.4, at 7.30 p.m. Annual meeting.

Sunday, May 9

MANCHESTER PHARMACEUTICAL ASSOCIATION. Picnic at Dunham Park, meeting at Altrincham bus station at 2.30 p.m.

LEEDS BRANCH, NATIONAL PHARMACEUTICAL UNION, is arranging a visit to the Rotherham works of Beatson, Clark & Co., Ltd., on Wednesday, May 26, leaving Leeds at 1.30 p.m. Bookings from Mr. F. Mitchell, 92 Waterloo Road, Hunslet (Telephone: Leeds 75763).

A PHARMACIST'S ANTHOLOGY

In tatter'd weeds, with overwhelming brows,
Culling of simples; meagre were his looks,
Sharp misery had worn him to the bones:
And in his needy shop a tortoise hung,
An alligator stuff'd, and other skins
Of ill-shaped fishes, and about his shelves
A beggarly account of empty boxes,
Green earthen pots, bladders and musty seeds,
Remnants of packthread, and old cakes of roses,
Were thinly scattered to make up a show.

From Shakespeare's "Romeo and Juliet."

BURGOL
ANTISEPTIC

An Antiseptic of the Popular
"PARA-CHLOR-META-XYLENOL" TYPE

Can be recommended for general, medical and personal use. The pleasant aroma attained by incorporating Ti-tree Oil makes an instant appeal to the discriminating user.

4 oz.
Retail **1/3** each
8/6 doz.
plus P.T. $\frac{1}{3}$rd

NON-POISONOUS
SAFE AND RELIABLE
3 TIMES STRONGER THAN PHENOL
(Rideal-Walker Test)
FORMS A CLEAR SOLUTION IN ALL PROPORTIONS WITH WATER
A WORTHY MEMBER OF THE FAMOUS
RED DIAMOND BRAND SERIES

In two sizes: 4 oz. and 16 oz. Bottles.

16 oz.
Retail **3/9** each
25/3 doz.
plus P.T. $\frac{1}{3}$rd

BURGOYNE BURBIDGES
Established 1741. & COMPANY LIMITED, **LONDON. E.6**

RED DIAMOND BRAND

CAMPHOR MONOBROMIDE
CAMPHOR SULPHONIC ACID
AND ITS SALTS
CAMPHORIC ACID

SUCCINIC ANHYDRIDE
BENZYL SUCCINATE
AND OTHER SUCCINATES

PHENYLACETAMIDE
URETHANE
SULPHO SALICYLIC ACID
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BROMO ESTERS

BUTYRATES CAPROATES
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Manufactured by
CHEMICAL COMPOUNDS LTD.
AYCLIFFE TRADING ESTATE,
Near Darlington, Co. Durham

ESSENTIAL OILS

LAVENDER
SPIKE LAVENDER
LEMON & LIME
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MENTHOL CRYSTALS
BERGAMOT ARTIFICIAL
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PERFUME COMPOUNDS

Produced against specific requirements.
Samples matched.
Raw Materials suitably Perfumed.

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TRAGACANTH POWDER our "SOJ" brands
are especially graded for all users and industries
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or Chemical Plant of any kind
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Regular Supplies to the Trade.
Illustrated Catalogue available
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Gladstone 4749

CUPFERRON
(AMMONIUM NITROSO—PHENYLHYDROXYLAMINE)
ANALYTICAL REAGENT
Manufactured by
H. H. HUFFER & B. A. SMITH LTD.
LONDON ROAD - THORNTON HEATH - SURREY - ENGLAND
THORNTON HEATH 4266/7

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AJULAX

(DUNCAN)

A pleasantly flavoured laxative syrup prepared from senna. Gentle but effective in action it is suitable for patients of all ages.

Each fluid ounce of Ajulax contains the active principles from one quarter ounce of senna-pods together with aromatic flavouring.

4-oz. Bottles 2/6 Purchase Tax Included

Another of the profitable Duncan Counter Lines

DUNCAN, FLOCKHART & CO. EDINBURGH LONDON

LLING
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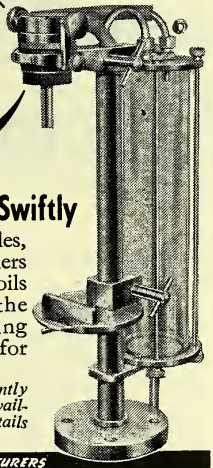
CHINES

Fill it



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orrect filling of bottles, ns and other containers ith lotions, emulsions, oils nd other liquids—the kem Vacuum Filling Iachine can do the job for ou.

kem "1950" Model, efficiently erated by the unskilled, is avail-le for early delivery. Full details on request.

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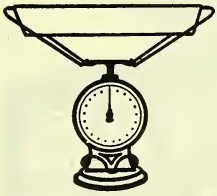
TAYLOR 1998

MORE AND MORE SALTER SCALES

FOR MORE AND MORE NURSES



The maintenance of Salter accuracy is as vital to correct weight as the maintenance of correct weight is to health.

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SELF-INDICATING SCALES

GEO. SALTER & CO. LTD., WEST BROMWICH

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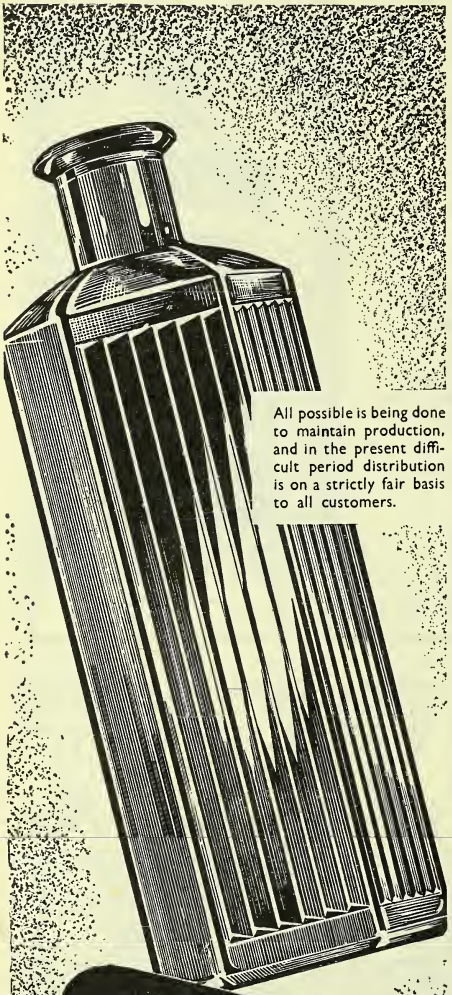

All possible is being done to maintain production, and in the present difficult period distribution is on a strictly fair basis to all customers.

BEATSON CLARK BOTTLES

BEATSON, CLARK & CO. LTD.
MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS
ROTHERHAM *Established 1751* YORKS

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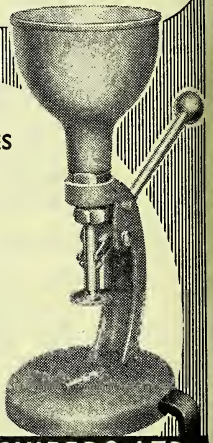
QP EMULSIFIERS

HAND, BELT OR MOTOR DRIVEN



FOR SMALL TEST MIXTURES OR LARGE OUTPUT

The hardiest and most reliable emulsifier - all working parts non-corrodible. Gives good, stable emulsification of pure liquids or small solids. With two jets, post free U.K. £5. 5. 0. ex-stock

Easy to use *Easy to clean*

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TENAPOL WAXES

(TRADE MARK)

Emulsifying waxes of the partially sulphated fatty alcohol type, suitable for the manufacture of creams and applications of the B.P., N.W.F., etc., also for "washable" ointments and barrier creams.

Available from your normal wholesaler

PHARMACEUTICAL LABORATORIES GEIGY LTD
NATIONAL BUILDINGS, PARSONAGE, MANCHESTER, 3
Manufacturers of Fine Chemicals and Pharmaceuticals.

Reliance

MOULDED SEAMLESS HOT WATER BOTTLES
THE ORIGINAL BRITISH

1948
OLYMPIA & EARLS COURT
MAY 3-14
SEE OUR EXHIBIT

Our production of hot water bottles is steadily increasing, but supplies for the home market are still restricted owing to the demands of our overseas customers, whom it is our duty and our privilege to supply to the maximum. Increased production, it is hoped, will enable us to meet the demands of all our customers, both at home and overseas Orders are now being booked for the season 1948/49 and your enquiries will be appreciated.

RELIANCE RUBBER CO. LTD · LOTS ROAD · LONDON · S.W.10

Telephone: Flaxman 6200 and 0985/6 *ESTABLISHED 1889* *Telegrams: 'Doorstop' Fulroad, London.*

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Side by Side

They sell separately and they sell together — let one help the other by displaying them side by side. Experience shows that when the new Super Absorbent Tampax No. 2 joins Regular Tampax No. 1, all-over sales of Tampax in that market increase by as much as 50%. That's business worth seeking.

TAMPAX

Sanitary Protection Worn Internally

REGULAR TAMPAX No. 1 Retail: 1/9d. per packet. Trade 15/9d. per dozen packets.

SUPER ABSORBENT TAMPAX No. 2. Retail: 2/- per packet. Trade: 18/- per doz. pkts.

TAMPAX LTD.
Sales Office:
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Where women see—they buy

STOCK

VELVEX

The toilet tissue that housewives ask for by name

• IN HANDY PACKETS OR ROLLS

VELVET CREPE PAPER CO. LTD. PRODUCT TOILET TISSUE

VELVET CREPE PAPER CO. LTD

Visit stand No. M.119 B.I.F. Olympia

for refining creams, ointments, etc.

An ideal time saver for busy dispensing chemists.

Cuts out the drudgery of the pestle and mortar, and produces a much better product in far less time. Available with steel or porcelain rolls 2" dia. × 4" long.

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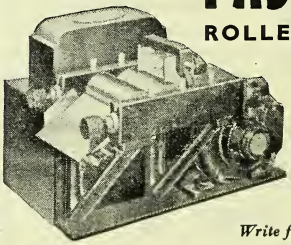

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THE PASCALL ENGINEERING CO. LTD
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SUBA-SEAL ★ The SAFETY BOTTLE

WITH **ALL** THE SELLING POINTS

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REGD. TRADE MARK

- EASY FILLING
- NO AIR LOCK
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- EASY STOPPERING
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- STOPPER CANNOT GET LOST
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- LONGER RADIATION
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- ALL RUBBER
- BEAUTIFUL COLOURS AND DESIGNS
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SUBASEAL WORKS, PEEL STREET, BARNSLEY

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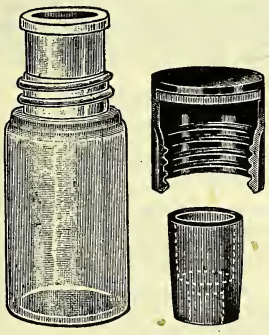
The 'Clinbritic' Vaccine Bottle

Patent No. 492200
MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



Assembly Details.

A Mu'tiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal.
No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.
The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.

Samples, Prices and Full details on Request

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Britton, Malcolm & Company, Ltd.
38 Southwark Bridge Road, London, S.E.1

Specify the name your customers know best

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DUNLOP

HOT WATER BOTTLES FROM YOUR WHOLESALER

Dunlop Hot Water Bottles specially designed for children are also available in limited quantities.

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Hobson's Choice removes Corns in 3 to 7 days, it is safe, sure and painless. Backed up by widespread advertising it has become the leading CORN CURE on the market to-day.

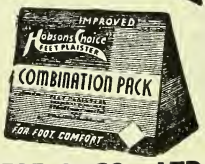
100 Hobson's Choice 99
FEET PLAISTERS POWDERS

Retail Prices:

Plaisters - - 2½d.

Powders - - 1½d.

Combination Pack - 9d.



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Sole distributors for Scotland:
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NATIONALLY ADVERTISED

Yet you *don't* have to stock it!

Lastonet Elastic Stockings are made-to-measure. All you need is a supply of measurement forms—we do the rest. The Public is being told about Lastonet in the Sunday Papers, and Doctors and Nurses in their leading journals. Be prepared to meet inquiries by writing to Lastonet Products, Ltd., Tiverton, Devon, for measurement forms, etc., and particulars of trade discount.

PROMPT DELIVERY

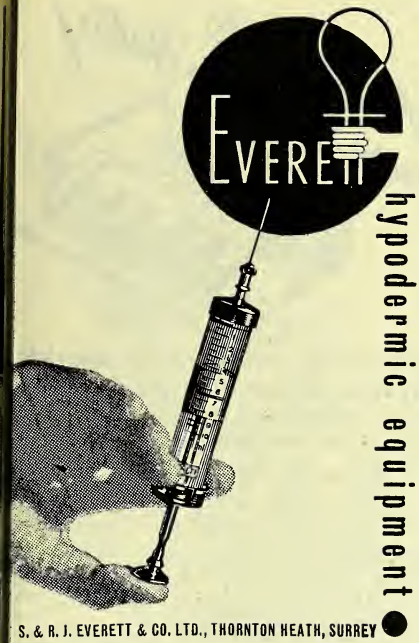
★ Made from light-weight, washable elastic net, they combine minimum weight with full support.

★ Net construction allows the air to circulate freely over the skin, making the stocking cool and comfortable to wear.

★ Made in full-length or knee-length, Lastonet is invisible under the normal stocking.

LASTONET

Featherweight ELASTIC STOCKING Reg



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RUBBER AIRBEDS, CUSHIONS & PILLOWS

for SURGICAL & MEDICAL REQUIREMENTS

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for freshness and daintiness

SANITARY TOWELS

Made from the Finest Quality Wool, Super-soft, fully absorbent and absolutely dependable. (In 4 sizes including MATERNITY).

SUPER QUALITY COTTON WOOL

IN HOSPITAL & B.P.C. QUALITY

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SPECIAL VAN DELIVERIES TO MEET URGENT ORDERS

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When in 1921, we started in business as carton manufacturers, we proudly took possession of two rooms in someone else's factory. Two years later, we moved to premises of 12,000 sq. ft., which we extended, in the next nine years, to 27,000 sq. ft. In 1933, we purchased our present Bournbrook Works, now 150,000 sq. ft.

We have always advocated specialisation. Our organisation, although concentrated upon carton manufacture alone, does, however, include specialists who are not directly engaged upon carton production.

The term "non-productive workers" can be dangerous and misleading. Our electricians, pipe-fitters, builders, carpenters, painters, and the technical staff which controls them, ensure that our production space is well-serviced and effectively adapted to changing needs; their planning and maintenance of the factory is a direct contribution to our efficiency.

BOXFOLDIA LTD
BOURNBROOK, BIRMINGHAM

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SOLUBLE TOWELS
WITH LOOPS

"Than which there is no finer towel"

MADE BY
LAX-VITA LTD. 66 VICTORIA ST. LONDON S.W.1.

How to sell more Sparklets Bulbs!

Offer your customers the **Sparklets Syphon Repair Service** . . . even the most dilapidated syphon can now be rebuilt as new provided the glass vase is intact. It's not just a case of "make do and mend"—*It's sound business.*

★ *Write for showcard and list of repair charges*

SPARKLETS
Sparklets Ltd., Service Dept.,
EDMONTON, LONDON, N.18
RENOVATION AND REPAIR SERVICE

'Pharmitex' PURE TOILET TISSUE is post war quality and for *Chemists only.*

HAROLD WESLEY LTD.
HARLEY MILLS, LONDON, N.W.10

May

The British Industries Fair opens in London and Birmingham early in May. This great display reflects the skill and resourcefulness of the people of this country in providing the exports so essential to our national well-being. Many exhibitors enjoying an international reputation can recall their first steps and not a few the aid and support received from the Midland Bank. Over a century ago this Bank began as a local undertaking in Birmingham, side by side with other examples of early enterprise. To-day the Bank is as ready to meet the needs of those whose requirements are modest as it is of those of the great industrialists, and from stands at the exhibition offers its services to all having need of them.

MIDLAND BANK LIMITED

TRADE TERMS

The Tek Junior which will sell at 1/3d. including purchase tax will be supplied to the trade at Johnson & Johnson's usual generous terms. You should order now to ensure supplies.

A PERFECT BRUSH FOR THE CHILD

The Tek Junior has many special features which will appeal strongly to parents. Attractive counter display containers and showcards will help you to bring it to their notice.

A FULL DESCRIPTION OF THE BRUSH IS GIVEN IN SPECIAL LEAFLET WHICH WILL BE MAILED TO YOU

Johnson & Johnson (GT. BRITAIN) LTD SLOUGH & GARGRAVE 25

Hands across the counter

'Dettol' Ointment is both richly emollient and actively antiseptic. It may be confidently advised for preserving and protecting hands against the roughening rigours of cold, or for soothing and keeping germ-free hands which may be already painfully cracked and chapped.

'DETTOL' OINTMENT
BRAND

"SURCO"

RELIABLE
ELASTIC HOSIERY
SEAMED AND SEAMLESS

For special garments to measure we give the best possible service

SURGICAL BELTS TRUSSES AND SUNDRIES

50 years' service of everything Surgical

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PURE COTTONWOOL THROUGHOUT
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BRITISH MADE **AMPOULE FILES**
are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

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"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

Increased Advertising *means* Increased Demand for

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THE COMPLETE HOME DRY CLEANER

WITH (Patented) FITTED CLEANING PAD

You need stocks *now* to reap the full benefit of our 1948 Publicity Campaign.

Sells at 2/- per bottle, Retailers Discount 25% and 10% (for display).

Supplied direct, or through the wholesaler. Enquiries to :—

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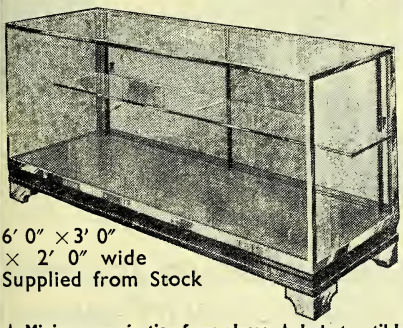

6′ 0″ × 3′ 0″ × 2′ 0″ wide
Supplied from Stock

★ Minimum projection from glass ★ Indestructible and Fireproof ★ Recessed stool of moulded section, finished black ★ Fitted with stainless steel feet, with adjustment for floor levels ★ All polished plate glass, silent sliding sashes at rear ★ Interior fitted with 12″ plate glass shelving

SPECIAL AND SHAPED CASES OR VARIATIONS OF ABOVE SUPPLIED AT SHORT NOTICE.

STEWART FRASER LTD.
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SUN GLASSES

In Colours
PINK, WHITE & BLUE
3 doz. lots . . . **15/-** doz.
12 doz. lots . . . **14/-** doz.
With TRIPLEX lenses . . . **24/-** doz.
Less 2½% Cash with order
Delivery from stock — Carr. paid

ALSO
SUN GLASSES in a full range of colours from **14/-** to **60/-** doz.

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POTTERIES TOILET CO. LTD
125/7 WATERLOO ROAD, BURSLEM
STOKE-ON-TRENT
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It's no gamble to stock

TOWN TALK

—the Silver Polish which ensures regular customers, to whom your other wares will also appeal

ORDER DIRECT OR FROM

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LONDON: Brooks & Warburton, Ltd. May, Roberts & Co. Ltd. Butler & Crispe.
LIVERPOOL Ayrton, Saunders & Co. Ltd.

THE TOWN TALK POLISH CO. Manchester, 10

SANIPAN
LAVATORY CLEANSER

one of
WALKERS APPROVED PRODUCTS

Supplies available immediately. Order from usual wholesaler. Sells at 1/3 per large screw-top tin (25% retail profit). High quality product backed by national advertising, free sales literature, full colour showcards, display matter, etc.

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IMPORTANT TO REPLACE CAP
SANIPAN
REGD TRADE MARK
FRAGRANT LAVATORY HYGIENIC CRYSTALS

cvs-16

A DELICATE SUBJECT — FOR DELICATE SKINS

The TOTTY-POT

Rubber Ringed for Cushion Comfort

A NON-CORROSIVE ACID-PROOF HYGIENIC CHILD'S CHAMBER

Detachable ring, easily removed for cleaning purposes

Made of Aluminium

ANODISED IN SOFT PASTEL SHADE

Trade Mark "Totty Pot" Patent-applied for

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J. BILLIG & SONS LTD.,
ESTABLISHED 1899
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It's CONTINUOUS QUALITY THAT COUNTS

—and this consistently maintained quality will ensure **CONTINUOUS SALES** of COX'S D.D.T. FLY and MOTH PAPERS; so be sure and stock up **NOW** to meet this ready-made demand. **GUARANTEED 100% impregnation and two-year life**, and proved to be the simplest and most effective solution to the fly menace, for **FLIES DIE IN 5-15 MINUTES.**

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D.D.T. FLYPAPERS

First and Still Foremost

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Manufacturing Chemists
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S. I. MYERS

THE PHARMACY FITTINGS SPECIALIST

105 GREAT EASTERN STREET, E.C.2

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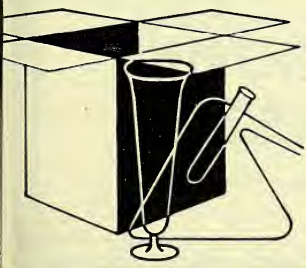

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. . . FOR SPECIFIC PURPOSES

Consult the Specialists in Cartons and Display

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Sales Office: 34 HARLEY STREET, PORTSMOUTH

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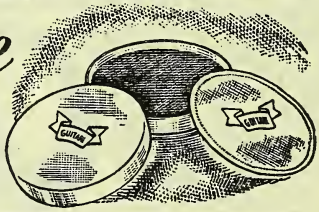
LIPSTICK *Guitare*

SUPER INDELIBLE
—does NOT come off!

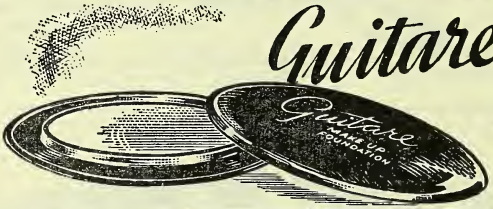
in 8 transparent shades which are smearless and smudgeless and remain fast to eating, drinking, etc., for at least 8 hours.

ROUGE *Guitare*



IN EIGHT SHADES TO MATCH

the lipstick. Of perfect tone and texture. Rouge Guitare is sought after by all smart women for enhancing natural beauty.



Guitare

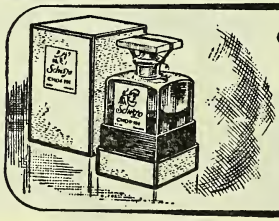
MAKE-UP FOUNDATION

Does not dry the skin. A delightful skin conditioning creamy foundation. In 8 shades. It contains Lanolin and cannot dry the skin.

ARCANCIL

MASCARA

Lengthens and strengthens the lashes. Contains no caustic or other harmful ingredient. Does not smart. Does not run. In four shades and colourless. Tube or cake. A big favourite with modern women.



High Class French Perfume

PARFUMS CHOPIN

Mazurka, Berceuse, Scherzo. Three exquisite perfumes from Paris to intrigue and delight all smart fashionable women.

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for effective conception control . . .

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VAGINAL JELLY

Reliability of contraceptive action . . . . freedom from irritation . . . . and fine æsthetic qualities have made Ortho-Gynol a universally prescribed contraceptive preparation.

Are you able to meet your physicians' prescriptions and recommendations from stock?

Ortho-Gynol is again in good supply through your wholesaler

(in 3¼ oz. tubes with or without the Ortho measured-dose applicator).

With its new companion product Ortho-Creme, Ortho-Gynol is . . . .

* Ethically promoted by constant direct medical representation.
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* Prescribed by gynæcologists, physicians, hospitals and clinics.

** Restricted to pharmacists.

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HIGH WYCOMBE - BUCKS

Makers of Gynaecic Pharmaceuticals

"ZEMS"

HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLETS FOR COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained from C.F. Wholesale Houses.

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For many pharmaceuticals . . .

Baby Powder

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NO-FEET

TALC Powder

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MONO Containers

Salts, crystals, unguents and creams, and many patent foods — all depend upon freshness for consistent sales. Mono waxed paper cartons are hygienic, moisture-proof and preserve the contents in perfect condition. Available with tapered or cylindrical sides and screw or disc lids with printed designs that avoid labelling problems. Enquire for details and samples.

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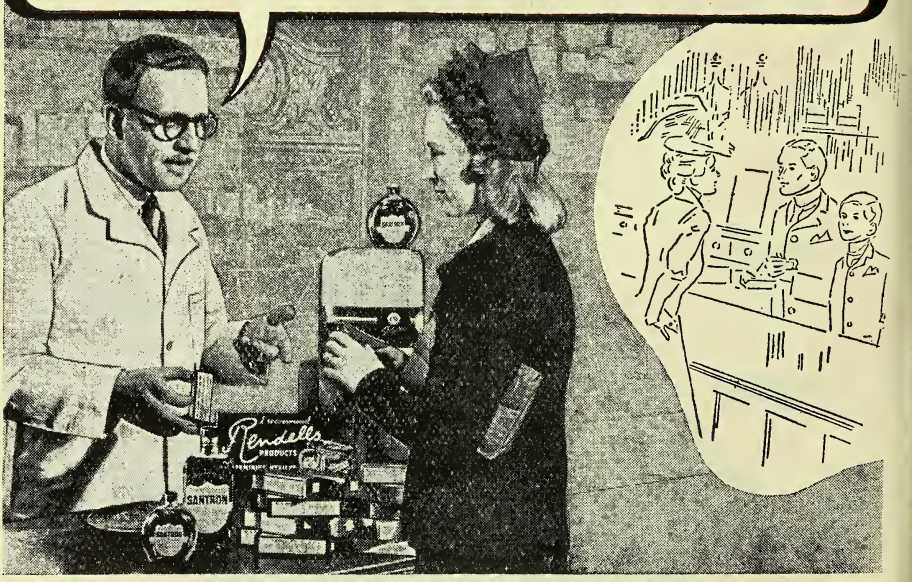
CONFECTION OF SENNA Brooks

EPSOM SALTS

MONO CONTAINERS LTD · CUMBERLAND AVENUE · PARK ROYAL · LONDON · N.W.10

It's a tradition with us



" Yes, Mrs. Dale, we have been established a very long time and ever since I can remember from my apprenticeship days here, we have always recommended Rendells. No, the transparent wrapping is not new. It was always a feature of Rendells packing before the war, and is just another indication the product is back to normal."

ON BOTH SIDES OF THE COUNTER

THERE'S CONFIDENCE IN

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NOW WRAPPED IN CELLULOSE FILM AGAIN

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Showers of Johnson's BABY POWDER

There's plenty of Johnson's Baby Powder now, so you can encourage mothers to let their babies revel in its soothing softness. Recently an audited survey was held covering a group of chemists' shops specialising in baby products—and it was shown that 80% of all baby powder sold was Johnson's—so see you are well stocked up.

Johnson's baby powder

the kindest powder in the world

HNSON & JOHNSON (GT. BRITAIN) LTD., SLOUGH AND GARGRAVE

HEAD PESTS

a NEW approach

A JEYES' PRODUCT

SULEO Eradicates and Prevents Head Pest Infestation *(Pediculosis capitis)*. One application will clear the most heavily infested head or will keep a clean head free from head pests for 14 days, even if contacts are made with infected persons.

3oz SPRINKLER BOTTLE
(Six treatments)

INC 2/- TAX

PHARMACISTS' DISCOUNT 33⅓%

SULEO
DDT HAIR EMULSION

"Every case so far treated with D.D.T. emulsion has been cured by one application. This result is to be expected, as the duration of protection with D.D.T. exceeds the incubation period of the nits." (B.M.J., 24th March, 1945.)

Manufactured for
JEYES' LABORATORIES LTD., LONDON, E.13
By the proprietors
JEYES' SANITARY COMPOUNDS CO. LTD., LONDON, E.13

The SATISFACTORY Line is that which gives SATISFACTORY profit & SATISFACTION to your customers

"WICK" BRAND

D D T
(Geigy)
FLY-KILLER CARDS

2D EACH

COST 14/- GROSS

Will positively kill all flies, moths, etc. which touch the card.

These cards are impregnated with D D T under pressure.

also 1/- powder (cost 8/- doz), 1/3 liquid (cost 10/- doz)

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GIBBS

SLUG & SNAIL KILLER!

Used and recommended by leading horticulturists, GIBBS Slug and Snail Exterminator is rapidly becoming the most popular product of its kind on the market. Prepare now to meet the season's certain demand!

SOLD BY CHEMISTS ONLY

Packed in attractive cardboard cartons for counter display.

TERMS: **10/-** Per Dozen
33⅓% Profit

Not Subject to Purchase Tax. P.A.T.A. Line

Send your orders and inquiries to:

RETAIL PRICE 1/3 PER PACKET

J.R.Gibbs Ltd.

MANOR AVENUE
PAIGNTON
S. DEVON
Telephone: PAIGNTON 82282 (3 lines)

PROMOL JUNIOR MOTH RINGS

OW CONTAIN DEADLY DDT

I.F. (Olympia) *(Geigy)*
STAND E7

Twice as efficient — twice as saleable at 8 Rings for 4d.

Attractive red, white and blue display carton.

Enquiries invited.

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Overalls

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FINE WHITE DRILL, 2 coupons
Button 3, 3 Outside Pockets,
Chest—32" to 46" - **10/11**
Post and packing 1 or 2—9d.

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WHITE, KHAKI or GREY, 3 coupons
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,, 48" ,, 50" - - **17/3**
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State Chest Measurement. Send Cash and Coupons with Order, over £2 Carriage Paid.

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Opposite Aldgate East Station 'Phone: BIS 6751 (3 lines)
Branches: DEPTFORD, S.E.8; WOOLWICH, S.E.18
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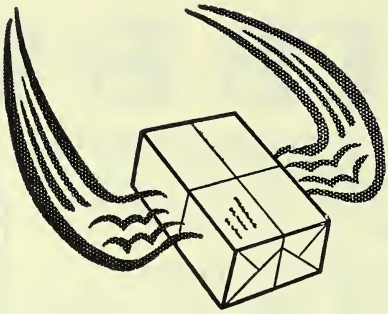

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General Emulsifiers for any type of O/W Emulsions

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Ask for our 24-page Handbook "Cyclochem Self-Emulsifying Waxes"

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Sphagnol for the Skin

Sphagnol

SOAP SHAVING CREAM

The TONIC Brush lather Cream

14/0d. Dozen - - Tax 4/8d.
Retails 2/1d. Jar

Peat Products (Sphagnol) Ltd.
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"SECTO"

the Senior British Insecticide!

It sells on sight and repeats on merit.

Make sure you have adequate stocks to meet the demand created by the heavy press and cinema advertising.

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ecto' means D.D.T. *plus* much more
ractively packed to retail at:
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Liquid: 2/-, 3/-, 6/-, 15/-
(*Usual trade profit margins and discounts*)

lease order early from: **CUPAL LTD. BLACKBURN**

ELL MORE

THES WASHING POWDER
because

lathers so!

is the new, *different* Washing Powder with advantages, made possi- by the scientific work of research chemists. Not a ute, SEMO supersedes acting, hand-coarsening ations. Protects sensitive hile ensuring easier, better, results. SEMO is un- d for heavy washing. A lly advertised line with a rofit margin.

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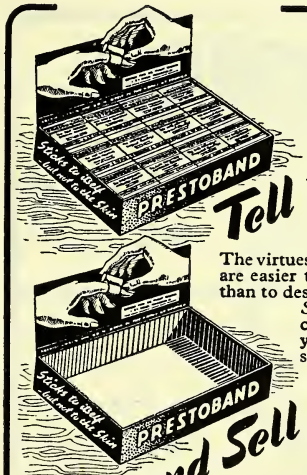

Tell them..

The virtues of Prestoband are easier to demonstrate than to describe. *Show* it to your customers, and you'll find it sells itself.

and Sell them..

PRESTOBAND
THE ANTISEPTIC SELF-ADHESIVE BANDAGE
Sole Distributors for Gt. Britain & N. Ireland
FASSETT & JOHNSON LIMITED
86 Clerkenwell Road, London, E.C.1

Creators of high-class Perfume Compounds and makers of Aromatic Chemicals and Technical Deodorants.

FIELD & Co. (Aromatics) Ltd.,
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ASMIDAR SPECIALITIES

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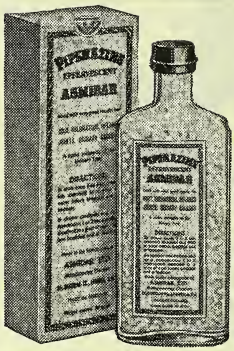

This highly efficien antiseptic of th Urinary Tract is pre scribed for Gout Rheumatism, Inflam ed Joints, Urinar Calculi.

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BRINGS *MOST* PROFIT TO YOU

Ask your Wholesaler for "Leda" Baby Powder

per **1/6** tin
INCLUDING PURCHASE TAX

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GLASS TABLET TUBES
ACCURATE MACHINE MADE
ALL SIZES EX STOCK
E. D. Watson, Beeston, Notts.

HARRINGTONS *Bran*
ASPIRINS
7½ & 5 grain Packed 10's to 1,000'
HOME AND EXPORT
London Office; 2 BERRIDGE Grn., EDGWARE, LONDO

SD2

The Symbol of PERFECT Skin Health

A revolutionary product for the treatment of skin illnesses with unusual penetrative power. Sold under a money-back guarantee of satisfaction. Liquid and cream. Prompt deliveries.

BIO-COLLOIDS, LTD., ALTRINCHAM CHES.

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Dr. J. Collis Browne's Chlorodyne
and
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Dr. J. Collis Browne's
CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors:
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33⅓% PROFIT FOR YOU!

Every time you sell the
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IT'S EASY to sell the large-size Carters because the customer saves 10d. by buying it, and gets 5 more pills as well. Investigations show that one customer in every three will buy the large size when it is offered them. Supplies are readily available. Send your order now for large-size Carters Little Liver Pills and stop losing easy profits!

ORDER YOUR CARTERS LITTLE LIVER PILLS *Now!*
from THOMAS MARNS LTD., 2 Caxton Street, S.W.1

HARLENE for Hair Health

Every "Harlene Head" is itself sales-compelling display!

HARLENE Preparations

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Hair Grower and Tonic

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The "HEAD LINES" which have been HEADLINES for OVER 60 YEARS

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Additional supplies now available from increased quota and export bonus. "Allocation" system discontinued. **Please order your requirements** through your usual channels.

TAKES THE PLACE OF SOAP

A Scientific Achievement

LATHFOME feels and acts like soap . . . it lathers and cleanses. Suitable and safe for all household uses. Cannot harm delicate skin or precious fabric.

This IS the answer to the soap shortage.

Packed in attractive containers. 8 oz. Retail 1/-.

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Regular deliveries in all areas

"Vitamin deficiencies rarely occur singly"

—*B.M.J.*, 1945, **1**, 489.

While uncomplicated deficiencies of the individual vitamins of the B group may occur in certain conditions, it is commoner for the clinical picture to be confused by the presence of multiple deficiencies, among which one may be dominant.

To meet the physician's requirements for a therapeutically balanced combination of the four B vitamins

BEFORTISS B-complex

IS AVAILABLE IN 3 STRENGTHS

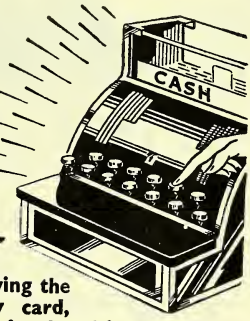
	capsule	1 c.c. amp.	2 c.c. amp.
aneurine hydrochloride	1.0 mg.	10 mg.	50 mg.
riboflavine	1.0 mg.	1 mg.	4 mg.
nicotinamide	15.0 mg.	40 mg.	200 mg.
pyridoxine	0.5 mg.	1 mg.	5 mg.

Capsules in bottles of 25 & 100. Ampoules in boxes of 3's & 12's. Chemists' Terms 33⅓%.

Vitamins Limited

(Dept A.A.) Upper Mall, London W.6

The Brand that rings the bell!



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Advertising in national Press will appear throughout the season. FREE—handsome Jar-holder display showcard in full colour creates sales.

EDME
Autumn Sun
MALT AND OIL

Manufactured from finest ingredient obtainable. *Full particulars from :*

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Ashley & Weeks Ltd. are Sole Distributors in Great Britain for:—
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As direct importers from all the main Honey-producing Countries of the World, we can supply Standard Grades of the finest Honey for all Manufacturing purposes.

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FINE CHEMICALS PHARMACEUTICALS

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S GOOD AS ITS NAME IMPLIES

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SIXES 3D.
FIFTEENS 7D

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You've got to hand it to your customers

-they **KNOW THAT THE EXTRA QUALITY OF HARROGATE HEALTH SALTS IS WORTH MUCH MORE THAN THE LITTLE MORE IT COSTS** (STANDARD TIN) **2/-** (FAMILY TIN) **3/9.**

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Manufactured by

The Harrogate Tablet Co. Ltd., Harrogate.

Maestro

for

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THE *NEW* PURE SOAP

***Maestro* SHAVING CREAM**

& *Maestro* SHAVING SOAP

Harmonise your sales with Goodwill and Good Profits

★ FOR QUICK DELIVERY CONTACT YOUR WHOLESALER TODAY or write direct to:—

ESMOREA Chemical Products Ltd., 106 Regent St., London, W.1

Branches: 13 High Bridge, Newcastle-on-Tyne *Tel:* Newcastle 26739
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Complete Catalogue of Perfumery and Toilet Preparations sent on request

All products obtainable from your usual wholesaler or direct from

S. SIGAL & CO. LTD.

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS

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This will reflect on your sales

Users of "Pink Ribbon" are invited to compete in naming four hair styles for a cash prize of £250. Keep your stocks sufficient to meet the increased demand brought about by nation-wide advertising of competition details.

£250 COMPETITION

Pink Ribbon

Soapless SHAMPOO

Distributors for England, Wales & Northern Ireland

SALE, TILNEY (MARKETING) LTD., 3, LLOYDS AVE., LONDON, E.C.3

Scotland: The Southern Mfg. Co., Ltd., 214-216, West Regent Street, Glasgow, C.1

MAY 1ST. 1948

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EYE LOTION TABLETS

★ **INFLUCOL**

ORAL VACCINE FOR THE COMMON COLD

★ **EPISEPS**

GERMICIDAL THROAT PASTILLES and TABLETS

★ **SOMINOX**

SLEEPING TABLETS

From this date these established products will be marketed by the Parent Company, Optabs Limited, from their new premises at Kemtheutic House, Bradford. The simplification of ordering, invoicing and payment will greatly help our many friends in the profession.

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A NEW TALC

with the accent on fineness

IN Jean Sorelle Talc Poudre de Luxe you have a powder of incredible fineness, made from really superior ingredients and delicately perfumed.

Packed in a most attractive cream, black and gold container Jean Sorelle de Luxe Talc Powder has a splendid future as a toilet preparation that will sell on appearance and utility.

Enquiries invited

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(Perfumery Section)
Stand No. E7

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NORTHERN IRELAND

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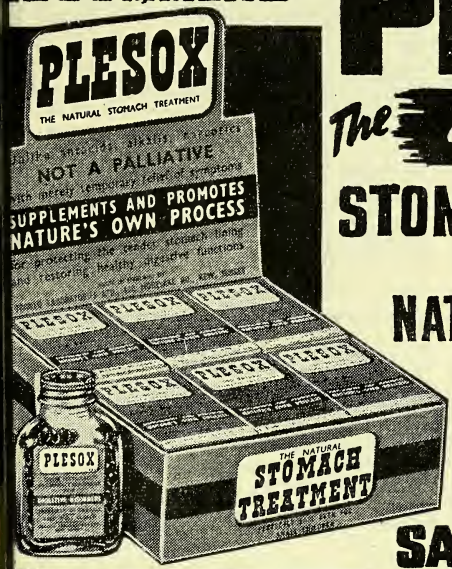

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SALES REPRESENTATIVES with live connectior with chemists, druggists, departmental stores, Co operatives, etc., required by manufacturers of sur gical dressings (S.T's) in (1) Derbyshire, Stafford shire; (2) Nottinghamshire, Leicestershire; (3 Yorkshire; (4) Durham and Northumberland; (5 London. Only live men of proved ability nee apply in writing, giving full particulars. Box 3/445

SALES REPRESENTATIVES required for old estal lished company, to call on chemists and stores i London and the Provinces, to sell well advertise toilet preparations and counter specialities. Onl men with good connections and experience need ap ply. Write in confidence, stating territories covered to R. Hovenden & Sons, Ltd., 41-53 Britannia Row Islington, London, N.1.

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NG LADY required as telephone operator, experience of medical specialities essential. y to J. R. Gibbs, Ltd., Manor Avenue, Paign-

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SITUATIONS WANTED

or 18 words or less, 1d. for every additional word

RETAIL (HOME)

ERTISER, very active, successful in developing ness, wide all-round experience, requires tem- ry post or permanency if house or accommo- n likely to be obtainable. Middlesex or South. ualified, age 53. "Service," 17 The Grove, orth, Middlesex.

Y DISPENSER (Hall) desires post. Doctor or tal, Liverpool, Shropshire, Cheshire. E., 43 y Rd., Rye, Sussex.

Y DISPENSER-SECRETARY, Hall qualifications, experienced, desires part- or full-time post. London preferred. Box 3/390.

Y DISPENSER/SECRETARY (Hall) experienced, res position; hospital, clinic, chemist, or doc- whole or part-time, London area. Box 3/559.

CKTAKING, quiet and efficient workmanship, 30 years' practical experience. Personal super- n. C. W. Playfoot, 8 Aylward Rd., Merton S.W.20. Tel. Liberty 4104.

OCUMS SEEKING ENGAGEMENTS

RMACIST available for Locum work, mid-day rds, any district. Salary and expenses. Aubrey James, M.P.S., 273 Bicester Rd., Aylesbury, s.

WHOLESALE

RST-CLASS representative offers excellent con- on with chemists, departmental stores, London Middlesex. Highest references. Salary, com- on, expenses. Box 3/483.

ALES MANAGER well known to the "big rs," and with 25 years' experience in market- branded pharmaceutical and toilet preparations me and export markets, seeks appointment. Box 2.

ERTISER. Sales manager (39), desires change ion area, 15 years' experience. Excellent con- ons with leading wholesale buyers. Good or- er and used to working on own initiative. Lin- and widely travelled. First-class references. 3/482.

SCIENTIOUS SERVICE OFFERED. Creditable sentation. Man with well-established chemists' ection Kent, Surrey, Sussex, Hampshire, open represent sound firm manufacturing product ing repeats from satisfied customers. Commis- terms. Box 3/539.

EXPERIENCED representative with established connection in the South Eastern Counties desires position with house of repute. Box 3/477.

FIRST-CLASS REPRESENTATIVE of 25 years' standing seeks post with established company of repute requiring a genuine and reliable sales representative. Well known, especially by the London and Home Counties wholesale and retail chemists' trade. Excellent references. Box 3/543.

FIRST-CLASS REPRESENTATIVE, excellent connection, calling chemists, w/s and retail, departmental stores, etc., in West of England and South Wales, desires change with firm of repute. Own car. Salary, commission, expenses. Box 3/338.

IRISH CHEMIST (30), gent, desires representative or travelling position in Eire. Excellent connection, keen. Write Box 3/478.

PHARMACIST, aged 36, seven years as works manager and now employed in that capacity, seeks change either in London area or Southern England. Experience of tablet making, proprietaries, waxes and general manufacturing. Good engineering background. Box 3/448.

PHARMACIST, wide experience retail, including medical propaganda, thorough knowledge office organisation, salesmanship, commercial art, returning civil life from military service in July, will consider appointment where advancement and scope for capabilities can be assured. Box 3/552.

REPRESENTATIVE with good connection, chemists, Co-ops, and departmental stores in North England and South Scotland, desires change or agencies. Will be in London on May 7. Reputable firms please contact. Box 3/514.

REPRESENTATIVE, calling upon chemists in South London, Sussex and Surrey, 18 years' experience, requires side line. Full particulars in first letter please. Box 3/479.

YORKSHIRE. First-class representative, outstanding character, integrity, long experience with established connection over 18 years, chemists, grocers, Co-ops., dept. stores, desires change. Present position 18 years, leading proprietary house. Car owner; resident Leeds. Box 3/546.

YOUNG DANISH girl seeks position as laboratory assistant in England, in hospital, factory-laboratory, possibly as assistant for private doctor, educated in hospital-laboratory. Has been one year in England. Chiffre, 1288, Nordisk Annonce Bureau, Kobmagergade, 38 Copenhagen, Denmark.

APPOINTMENTS

KING'S COLLEGE HOSPITAL,

DENMARK HILL, S.E.5

Locum Tenens Assistant Pharmacist required for approximately six months from May 20th, 1948. Salary 9 guineas per week. Applications, with details of experience, should be sent to The Pharmacist, at the above address.

MIDDLESEX COUNTY COUNCIL

WEST MIDDLESEX COUNTY HOSPITAL, ISLEWORTH, MIDDX.

(a) ASSISTANT PHARMACIST, J.N.C. (Hosp. Staffs) scale, £370 p.a.-£450 inclusive. Similar experience may determine commencing salary. Must hold one of Pharmaceutical Society's qualifications. Whole-time duties under Medical Director and Chief Pharmacist. Established, subject to medical exam.

(b) LOCUM PHARMACIST required, immediately, for an indefinite period. Salary 8-10 guineas inclusive, according to experience. Applications to Medical Director of Hospital, stating age, qualifications, experience, with up to three recent testimonials (quoting D.570 CD).

C. W. RADCLIFFE,
Clerk of the County Council.

Middlesex Guildhall,
S.W.1.

CITY OF NOTTINGHAM HEALTH COMMITTEE,

ASSISTANT PHARMACIST

Applications are invited for the above appointment from duly qualified Members of the Pharmaceutical Society. Salary at the rate of £370 per annum rising by annual increments of £15 to £430 per annum, and thence by a further increment of £20 to £450 per annum, in accordance with the Joint Negotiating Committee (Hospital Staffs) recommendation.

Applications, stating age, qualifications, details of experience and previous appointments, if any, together with copies of two recent testimonials, to be sent as soon as possible to the Medical Superintendent, The City Hospital, Nottingham.

J. E. RICHARDS,
Town Clerk.

Guildhall,
Nottingham.
April 16, 1948.

KENT COUNTY COUNCIL

ASSISTANT PHARMACIST

Applications are invited for the following appointment at the COUNTY HOSPITAL, FARNBOROUGH, Nr. BROMLEY.

ASSISTANT PHARMACIST (M.P.S. or Ph.C.) either sex. Hospital experience preferred. Salary £370 a year by four increments of £15 and one of £20 to £450 a year. Superannuation. Medical examination necessary.

Applications, stating age, qualifications, experience and the names and addresses of two responsible persons to whom reference may be made as to professional ability, to be sent to the County Medical Officer, County Hall, Maidstone, as soon as possible.

W. L. PLATTS,
Clerk of the County Council.

County Hall,
Maidstone.
14th April, 1948.

THE LONDON HOMŒOPATHIC HOSPITAL,

Great Ormond Street, W.C.1.

PHARMACIST or UNQUALIFIED ASSISTANT (lady) required immediately. Salary in accordance with J.N.C. Apply; stating age, experience, etc., to Pharmacist.

LONDON CHEST HOSPITAL

Second assistant Pharmacist required, male or female. J.N.C. Salary scale, i.e., £370-£450 per annum. Previous hospital experience taken into consideration. Good opportunity for West End man desiring to enter hospital pharmacy, Applications to The Secretary, The London Chest Hospital, Victoria Park, London, E.2.

METROPOLITAN HOSPITAL

KINGSLAND ROAD, E.8.

ASSISTANT in Pharmaceutical Department required. Previous hospital experience an advantage. Pharmaceutical qualification preferred. Hall Certificate may be considered. J.N.C. Salary Scales and Federated Superannuation Scheme in force. Hours 9-5. Lunch provided. Apply, giving age, qualification, experience and references to the House Governor.

MIDDLESEX COUNTY COUNCIL

REGISTERED ASSISTANT PHARMACIST required at HAREFIELD COUNTY HOSPITAL, Harefield, Middx. J.N.C. (Hosp. Staffs) salary £370-£450 p.a. inclusive. Similar experience may determine commencing salary. Recently qualified pharmacists eligible. Whole time, unestablished, possible establishment, subject to medical examination. Application, stating age, qualifications, experience, with copies of up to 3 recent testimonials, to MEDICAL DIRECTOR at Hospital, IMMEDIATELY (quoting E.146 CD).

MIDDLESEX COUNTY COUNCIL

LOCUM ASSISTANT PHARMACIST required by MIDDLESEX COUNTY COUNCIL at NORTH MIDDLESEX COUNTY HOSPITAL, Edmonton, N.18. Salary 8-10 gns per week. incl., according to experience. Applications IMMEDIATELY to MEDICAL DIRECTOR of Hospital (quoting D.886CD).

MIDDLESEX COUNTY COUNCIL

REGISTERED ASSISTANT PHARMACIST for NORTH MIDDLESEX COUNTY HOSPITAL, Edmonton, N.18. J.N.C. (Hospital Staffs) Scale. £370 to £450 inc. Similar experience may determine commencing salary. Whole time, established, pensionable, subject to medical examination. Applications, stating age, qualifications, experience, with copies of up to three recent testimonials, to MEDICAL DIRECTOR of Hospital immediately (quoting D.591). No forms.

C. W. RADCLIFFE,
Clerk of the County Council.

REDHILL COUNTY HOSPITAL,

EDGWARE, MIDDLESEX.

REGISTERED ASSISTANT PHARMACIST required. J.N.C. (Hosp. Staffs) salary £370-£450 p.a. inclusive. Similar experience may determine commencing salary. Whole-time, established, pensionable, subject to medical examination. Application, stating age, qualifications, experience, with copies of up to three recent testimonials, to Medical Director of Hospital immediately (quoting D.815 CD). No forms.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at ST. HELIER COUNTY HOSPITAL, Carshalton.

Commencing salary on grade £370 x 15-£430 20-£450 p.a., inclusive.

Applications in writing, stating age, qualifications and experience, with copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the Hospital.

THE CROOKES LABORATORIES, LTD.

Park Royal, N.W.10

invite applications for the position of GENERAL MANAGER. Applicants should state fully their experience and achievements and address their communication (which will be treated in the strictest personal confidence) to The Chairman, 3B Deans Yard, S.W.1.

AGENCIES

for 36 words or less, 4d. for every additional word

NTS and BROKERS with comprehensive con- ions with industry, trade and shippers required eading importers to sell edible, technical gela- and glues. Box 3/551.

NTS wanted all over the country calling on esale chemists, Co-ops., grocers and sundries- to carry additional nationally advertised lines. mission basis. Write, giving area covered, and h details of present lines carried, to Box 3/280.

NTS wanted to call on chiropodists only. Trade ked product in constant need by the profession, proven, without competition. Success assured. rous commissions and reserved territories at Britain only) available. Box 3/544.

PLENDID repeating side-line offered salesmen dy calling upon retail chemists, grocers, corn dlers and general stores. A sound connection sential. Very generous terms. Write Reseg oratories Ltd., 133 Percy Rd., Whitton, Middle-

NTS, with good introductions to wholesale and chemists, required for old-established line. lon and Provinces. Good commission. Box 6.

NTS, regularly calling on retail chemists wanted our novel range of printed containers. Vacan- for many areas in U.K. Percenta Ltd., 130/ Tooley St., London, S.E.1.

NESS MAN shortly going to take up residence oronto would consider undertaking commissions ehalf of firms in London area. References sup- . Write Box No. D890, c/o Streets, 110 Old d Street, London, E.C.2.

ATIVE BELFAST AGENTS invite agencies for r and Eire. Box 2/608.

RIBUTION AGENTS for well-established ded chemists' sundries lines required for the trade in U.K. and Eire. Kindly give full ls of the area covered and the services avail- including number of salesmen, etc. Box 6.

UFACTURERS of proprietary medicine (non- ription soporific) wish to contact firm of dis- tors who would carry another line. Write 3/529.

UFACTURERS' Agents' Association (C. & D.), bery House, 8 Bream's Bldgs., E.C.4, supplies list of agents to manufacturers seeking repre- tion in all important centres. Membership able to established agents.

RESENTATIVES to sell eyelash-growing cream. A y good side line for those with sound connec- . Excellent commission. Write confidentially dele Maurice Ltd., 15 Miller Street, London. .1.

RESENTATIVES calling on chemists, Co-ops., s, etc., wanted to carry additional quick-sell- and repeating line on commission basis. Box 3.

BUSINESSES WANTED

or 36 words or less, 3d. for every additional word

NTED, any time during the remainder of the chemist's business, with accommodation, situ- in Bournemouth or near, one requiring a quali- man in addition to owner preferred. Buyer d buy property or lease same. Box 3/475.

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G and surgical business, recently opened, but al circumstances force immediate sale. Small shop in busy shopping street, Brighton, 1 min. Long lease, £70 p.a. Excellent scope for ist. Well fitted and stocked. First reasonable accepted. Owner, 12a Preston Street, Brighton.

FOR SALE, Drug Store, London, with living accommodation, excellent position for chemist, next door to doctor. Established 18 months. First year's turnover, £1,500, increasing. Rent, £1 per week. Price, £1,250. Box 3/491.

GOOD, increasing business, good class, for sale. Popular S.E. coast resort, including freehold of premises, shop and living accommodation; main road; modern throughout; new fittings; stock optional; owner other interests; no agencies. Box 3/524.

KENT, near London. Chemist, established 18 years, run as drug store during last 12 months. Long lease. No opposition. Modern shop. Flat above may become available shortly. £2,000, goodwill. Stock at valuation. Box 3/538.

PATENT MEDICINES and cosmetics. Opportunity for qualified chemit. Lock-up shop, East Ham. 14 years' lease. Rent £27 10s. net p. qtr. Takings £80 p.w. Price £2,000 a.a. A. C. Morse, F.V.A., 29 Stroud Green Rd., N.4. Tel. Arc 4866/7.

SHOP PREMISES. An important group of prominently situated long leasehold shops to be sold in leading Surrey and Berkshire towns together with goodwill of house furnishing business (excepting one shop). Moderate rents. Suitable other trades. Available separately or as a whole. Sole agents, Mann & Co., 70 High Street, Esher. Tel.: 1411.

SMALL DRUG STORE and Photographic Depot (formerly chemist), Bridgeton. Early occupancy. Full particulars from Peacock & Henry, C.A., 111 Union Street, Glasgow, C.1.

TO CHEMISTS AND DRUGGISTS. For sale by private treaty as a going concern, the old-established business known as Swinnertons Drug Store, 204 Chepstow Rd., Newport, Mon. The property is freehold, with an attractive shop, close to the Maindee shopping centre and situated in amost convenient position for this class of business. For full information apply T. Parry & Son, F.A.I., Auctioneers, 22 Stow Hill, Newport, Mon. (Tel. 3308.)

WHOLESALE Chemist Distributing business for disposal, returning £3,000 a month, exclusive of tax. Excellent profits. Price to include heavy stock, motor vehicles, plant and freehold property, £22,500. Valuation terms considered. Apply to Box 3/493.

WIMBLEDON DISTRICT. Drug Store in busy main road, double fronted shop; lease 20 years to run; rent, £145 per annum. Stock and fixtures at valuation. For further particulars apply: Parkin S. Booth, Kimberley House, 14/17, Holborn Viaduct, London, E.C.1.

BUSINESS OPPORTUNITIES

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BOTTLES, 4-oz. Screw neck. Regular supplies required by London manufacturing chemists. Box 3/273.

FOR A FEW SHILLINGS weekly we will do all your book-keeping, income tax returns/negotiations and accounts, etc. Write for booklet explaining our unique service for the small business. Executives (London), Ltd., Dept. 26, 213 City Rd., London, E.C.1.

MANUFACTURERS, Dublin district, with modern, well-equipped laboratory, under highly qualified supervision, offer analytical, bacteriological and laboratory services. Apply Box 3/513.

MANUFACTURING CHEMISTS have facilities available for the manufacture and/or packing of toilet, medical and domestic products into bottles, pots, boxes, or tubes, and can dispatch the same direct to retail customers if desired. Box 3/518.

MANUFACTURING CHEMISTS have facilities and space available for the manufacture, packing and bottling of domestic, toilet and industrial products. Frank Macowal, Ltd., 30 Loughborough St., S.E.11. Tel. Reliance 3435.

NATION-WIDE sales organisation with remarkable record of successful merchandising is open to consider one or two lines. Only branded lines offering possibilities of big permanent business are of interest. Box S.551, c/o Erwoods, Ltd., 211 Piccadilly, London, W.1.

TABLETS. A well-known food manufacturing company have available tableting capacity. Large quantities can be handled quickly and efficiently under hygienic conditions. Complete packaging can be arranged if required. Inquiries to Box W.731, Haddons', Salisbury Sq., London, E.C.4.

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"ALITE" powder filling machine, complete with starter and 400/3/50 motor. Maker's price, £185. Little used. £160. "Gardner" size "E" sifter mixer, capacity 150 lb., good condition, mounted on special framework to take receiving bin. Complete with starter and 3 h.p. 400/3/50 motor. £150. New unused 25-gallon S/S electrically-heated water-jacketed tank by Johnson with Mitchell stirrer. £125. Can be seen London. Box 3/548.

ALMOND OIL, B.P. 2 x 1 cwt. drums of English sweet, at 8s. 3d. per lb., stock London. Apply Box 3/510.

AMERICAN oil peppermint, Wayne County, double distilled, for sale, 20-lb. tin. Box 3/541.

ASPIRIN granules and crystals. 3 tons for sale. Offers to Box 3/463.

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FEEDING BOTTLES, boat-shaped, 20 gross 4-oz., 55s. per gross. 28 gross 8-oz., 63s. per gross. Ex works, London. Box 3/549.

FINEST QUALITY terpeneless lemon oil for sale. Apply Box 3/324.

FOR SALE. 100 oz. quin. sulph. 2 cwt. finest quality curry powder. First reasonable offer accepted. Box 3/545.

FOR SALE, cellophane bags, heat-sealing moisture-proof; size 1¾" x 2½". Apply Box 3/535.

FOR SALE. 50 gross 8-oz. two hole hygienic feeders packed in 3 dozen divisioned cartons at 45/- per gross. Immediate delivery. Grattan's Pharmaceutical Products, Lurgan, Northern Ireland

GOVT. SURPLUS.: Ammon. Chloride and Nitrate; Boric Crys.; Calc. Chloride; Caustic; Developer F. and D. 50; Pure Glycerine; Hydroquinone; Lead Nitrate; Potass: Alum, Bisulph, Hydrox, Iodide, Sulph; Sodium: Bisulph, Hypo, Nitrate, Potass, Sulph; Stearic; Sulphuric, etc. Inspection and offers, A.C., Ltd., 15 Lawrence St., Northampton.

GLYCERYL-MONO-STEARATE. Prompt supplies available. Box 3/408.

LACTOSE, B.P., glycerine, B.P., vanillin, soda ash, caustic soda, flake or solid, bleaching powder, and offers of any other chemicals invited. Write Box 3/489.

NEW CARTONS. 1,400 for sale, size 6⅞" x 6¾" x 5". Good quality double-faced corrugated cardboard, complete with partitions to hold 12 x 4-oz. emulsion bottles. Price 6d. each. Phone Putney 4821 or write Box 3/512.

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PHENACETIN, Theobromine alkaliod, aspirin, caffeine citrate. Small surplus stocks for sale. Best offers invited. Box 3/519.

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WE CAN OFFER for prompt delivery ex stock x 50 gm. ampoules of calciferol at 9/6 per g per single amopule. Box 3/484.

YOHIMBINE, English manufacture, for sale. B cash offer considered. Write Box 3/534.

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BOTTLES. 26-oz. and 13-oz. wine or champag bottles required. Box 1/853.

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STEARIC ACID (triple pressed) wanted in large small quantities. B.P. glycerine available if quired as part payment. Box 3/517.

WANTED. Phenacetin, glycerine, required manufacturing chemists. Offers to Box 2/307.

WHITE PETROLEUM JELLY, B.P., also double a triple pressed stearic acid, urgently wanted. B 3/468.

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BOTTLES. 25 gross only green round E.S. narrow-neck Winchester-type 8-oz. bottles witho caps. Capacity to neck 220 ccs or 7¾ fl. oz. Pri 38s. per gross (carriage extra), Birmingham. B 3/547.

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SEMI-BASEMENT to let in Up. Leeson St., Dubli whole or part; suitable as adepot for wholesa chemist. Box 3/488.

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The CHEMIST AND DRUGGIST

MAY 1, 1948

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1948

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